

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110123\
 Data File : VN079767.D
 Acq On : 01 Nov 2023 12:50
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Nov 02 05:32:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:25:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	305120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	520232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	463323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	199091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	42776	9.202	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	18.400%#		
35) Dibromofluoromethane	8.171	113	34265	9.306	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	18.620%#		
50) Toluene-d8	10.571	98	126619	9.341	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	18.680%#		
62) 4-Bromofluorobenzene	12.853	95	38612	8.589	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	17.180%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	38913	10.588	ug/l	99
3) Chloromethane	2.359	50	49029	9.888	ug/l	100
4) Vinyl Chloride	2.512	62	47482	9.870	ug/l	94
5) Bromomethane	2.959	94	31407	10.745	ug/l	95
6) Chloroethane	3.118	64	53500	14.022	ug/l	94
7) Trichlorofluoromethane	3.495	101	60694	10.143	ug/l	97
8) Diethyl Ether	3.965	74	22149	9.754	ug/l	65
9) 1,1,2-Trichlorotrifluo...	4.365	101	35234	10.158	ug/l	98
10) Methyl Iodide	4.589	142	34786	8.782	ug/l #	95
11) Tert butyl alcohol	5.518	59	28602	48.199	ug/l	100
12) 1,1-Dichloroethene	4.336	96	32919	10.023	ug/l	91
13) Acrolein	4.183	56	25240	48.332	ug/l	99
14) Allyl chloride	5.024	41	48819	9.705	ug/l	93
15) Acrylonitrile	5.718	53	91043	49.231	ug/l	99
16) Acetone	4.430	43	80970	49.588	ug/l	96
17) Carbon Disulfide	4.718	76	90125	9.513	ug/l	98
18) Methyl Acetate	5.030	43	74825	9.578	ug/l #	88
19) Methyl tert-butyl Ether	5.795	73	109532	9.687	ug/l	95
20) Methylene Chloride	5.283	84	40531	9.837	ug/l	87
21) trans-1,2-Dichloroethene	5.789	96	36208	9.885	ug/l #	79
22) Diisopropyl ether	6.677	45	118719	10.184	ug/l #	88
23) Vinyl Acetate	6.606	43	318182	49.483	ug/l #	88
24) 1,1-Dichloroethane	6.565	63	71712	10.121	ug/l	96
25) 2-Butanone	7.489	43	123738	51.749	ug/l #	81
26) 2,2-Dichloropropane	7.489	77	58597	10.000	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	41943	9.573	ug/l	88
28) Bromochloromethane	7.812	49	33229	9.623	ug/l	82
29) Tetrahydrofuran	7.847	42	78463	50.436	ug/l #	77
30) Chloroform	7.965	83	73387	9.535	ug/l	96
31) Cyclohexane	8.259	56	61549	10.020	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	63266	10.089	ug/l	90
36) 1,1-Dichloropropene	8.377	75	51516	9.799	ug/l	97
37) Ethyl Acetate	7.565	43	48368	10.032	ug/l #	91
38) Carbon Tetrachloride	8.365	117	52898	9.984	ug/l	95
39) Methylcyclohexane	9.606	83	48928	9.889	ug/l	90
40) Benzene	8.606	78	160791	10.211	ug/l	94

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	26164	10.219	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	56366	10.248	ug/l	98
43) Isopropyl Acetate	8.694	43	80002	9.462	ug/l #	93
44) Trichloroethene	9.353	130	39290	10.055	ug/l	97
45) 1,2-Dichloropropane	9.624	63	41898	10.412	ug/l	96
46) Dibromomethane	9.712	93	28279	10.292	ug/l	96
47) Bromodichloromethane	9.888	83	56861	9.703	ug/l	91
48) Methyl methacrylate	9.688	41	35037	9.460	ug/l	87
49) 1,4-Dioxane	9.694	88	13556	207.143	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	243146	51.077	ug/l	91
52) Toluene	10.635	92	94865	10.162	ug/l	95
53) t-1,3-Dichloropropene	10.835	75	55582	9.676	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	64299	10.269	ug/l #	90
55) 1,1,2-Trichloroethane	11.018	97	37368	9.952	ug/l	91
56) Ethyl methacrylate	10.877	69	52623	9.826	ug/l #	82
57) 1,3-Dichloropropane	11.165	76	66634	10.068	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	132437	48.789	ug/l	91
59) 2-Hexanone	11.200	43	182534	50.123	ug/l	89
60) Dibromochloromethane	11.359	129	39715	9.882	ug/l	99
61) 1,2-Dibromoethane	11.471	107	37543	9.962	ug/l	98
64) Tetrachloroethene	11.106	164	30838	10.277	ug/l	98
65) Chlorobenzene	11.894	112	100926	10.042	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.965	131	36163	9.987	ug/l	99
67) Ethyl Benzene	11.965	91	174883	9.987	ug/l	97
68) m/p-Xylenes	12.071	106	131260	20.123	ug/l	98
69) o-Xylene	12.400	106	64204	10.222	ug/l	99
70) Styrene	12.412	104	99899	9.896	ug/l	98
71) Bromoform	12.582	173	25149	9.781	ug/l #	96
73) Isopropylbenzene	12.694	105	156787	10.377	ug/l	100
74) N-amyl acetate	12.494	43	63057	9.561	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	54665	10.204	ug/l	96
76) 1,2,3-Trichloropropane	13.000	75	67202	14.396	ug/l	68
77) Bromobenzene	12.982	156	37866	10.236	ug/l	96
78) n-propylbenzene	13.035	91	179371	10.366	ug/l	96
79) 2-Chlorotoluene	13.129	91	113024	10.225	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	121877	10.367	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	15299	8.906	ug/l #	73
82) 4-Chlorotoluene	13.223	91	112395	10.232	ug/l	100
83) tert-Butylbenzene	13.441	119	98239	10.209	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	116736	10.093	ug/l	95
85) sec-Butylbenzene	13.618	105	136820	10.263	ug/l	99
86) p-Isopropyltoluene	13.729	119	105611	9.716	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	67014	9.738	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	67579	9.675	ug/l	94
89) n-Butylbenzene	14.059	91	88115	9.412	ug/l	96
90) Hexachloroethane	14.341	117	21830	10.141	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	64672	9.955	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8783	9.668	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	26887	8.704	ug/l	96
94) Hexachlorobutadiene	15.500	225	13185	9.416	ug/l	96
95) Naphthalene	15.647	128	84415	8.058	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	27339	9.029	ug/l	97

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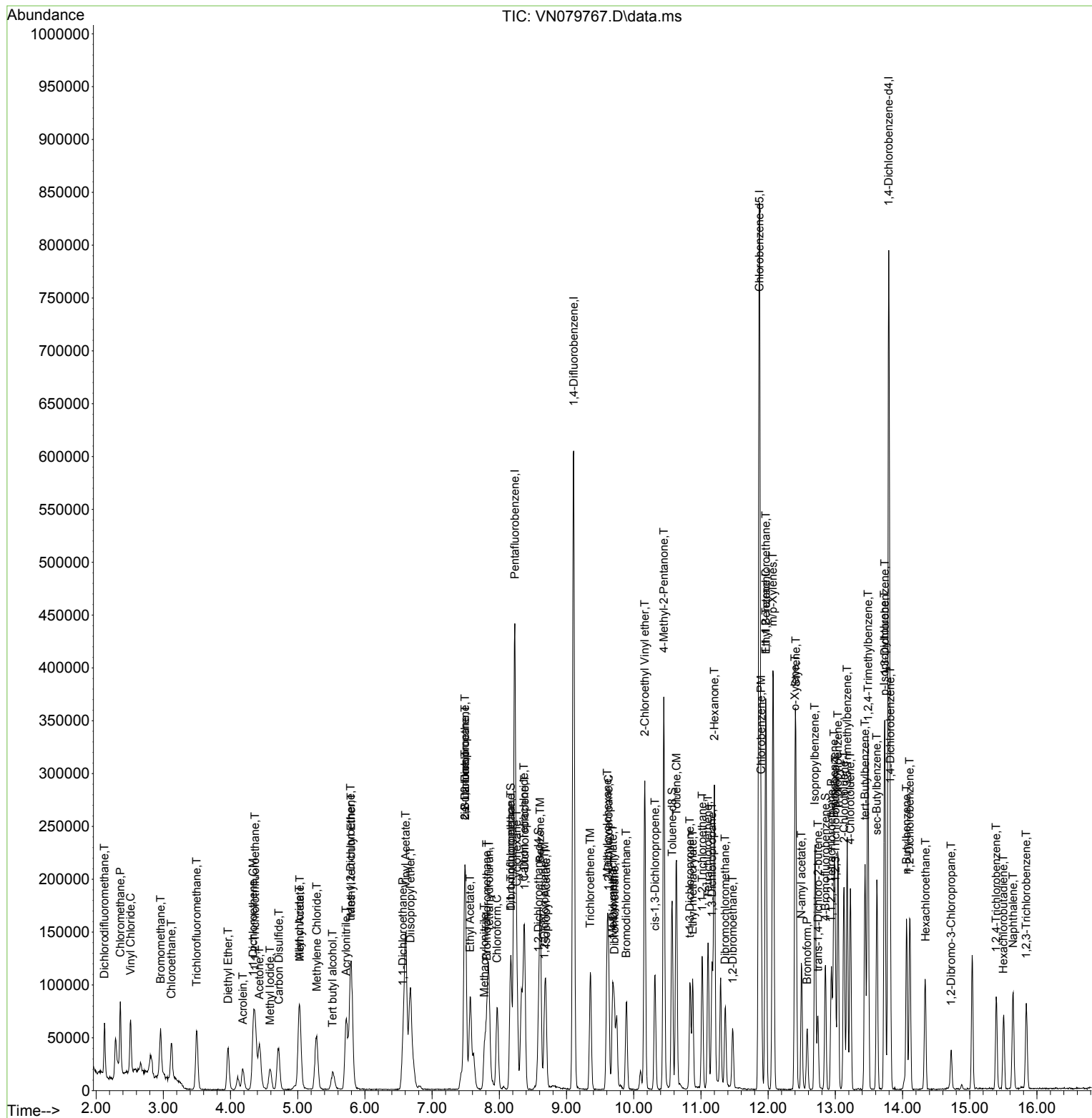
Quant Time: Nov 02 05:32:00 2023
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Response via : Initial Calibration

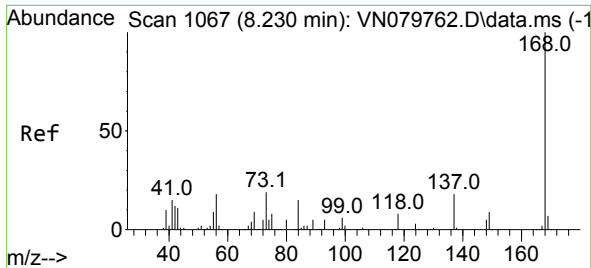
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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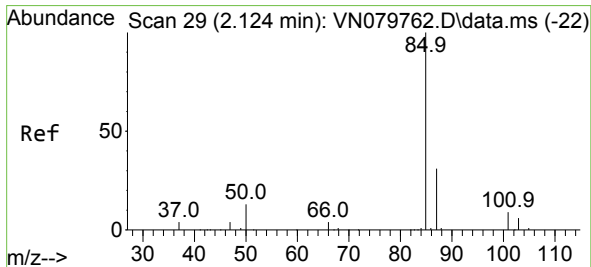
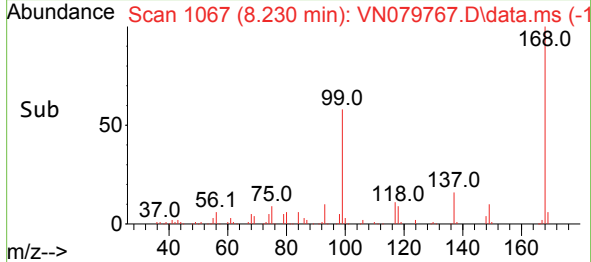
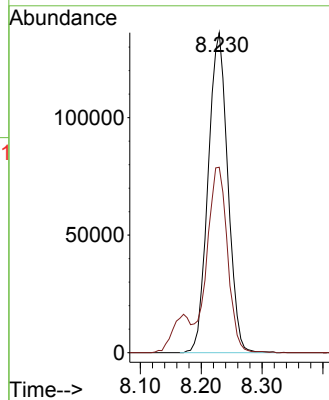
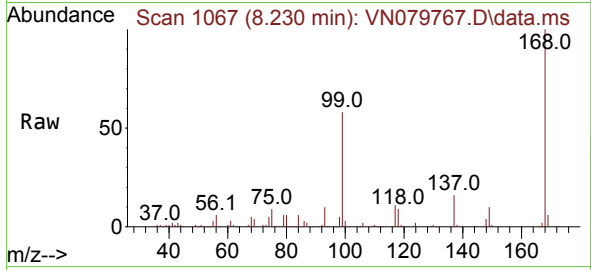




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
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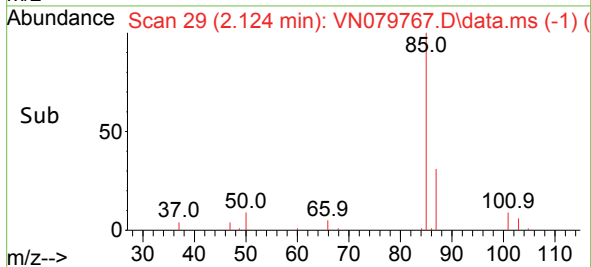
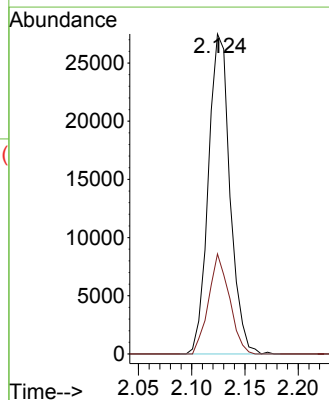
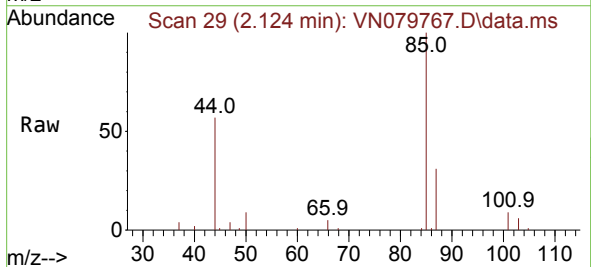
Instrument :
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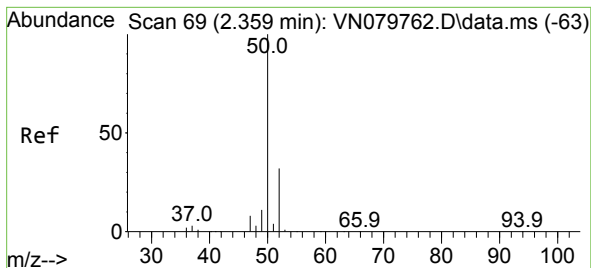
Tgt Ion:168 Resp: 305120
Ion Ratio Lower Upper
168 100
99 57.9 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 10.588 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

Tgt Ion: 85 Resp: 38913
Ion Ratio Lower Upper
85 100
87 31.3 15.8 47.4





#3

Chloromethane

Concen: 9.888 ug/l

RT: 2.359 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN079767.D

Acq: 01 Nov 2023 12:50

Instrument :

MSVOA_N

ClientSampleId :

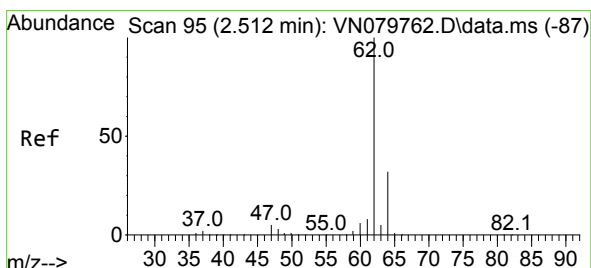
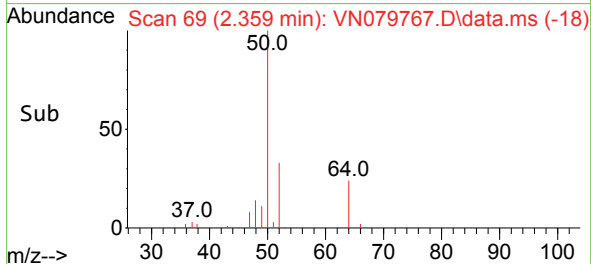
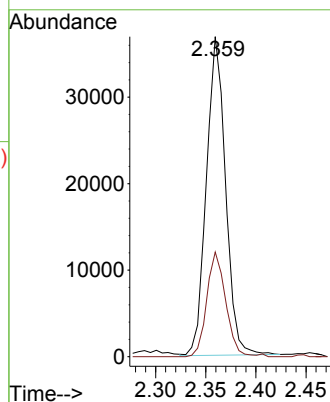
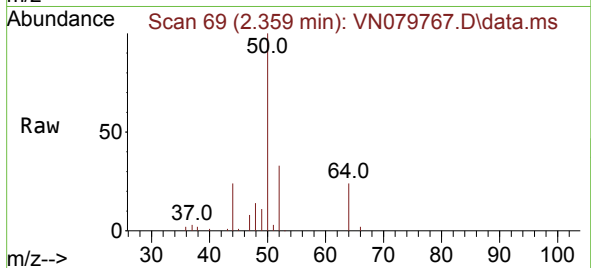
VSTDIC010

Tgt Ion: 50 Resp: 49029

Ion Ratio Lower Upper

50 100

52 33.0 26.5 39.7



#4

Vinyl Chloride

Concen: 9.870 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN079767.D

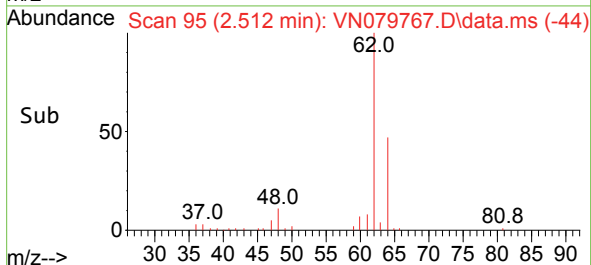
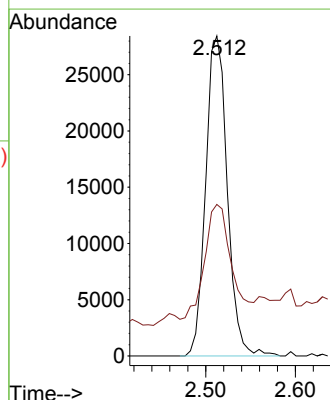
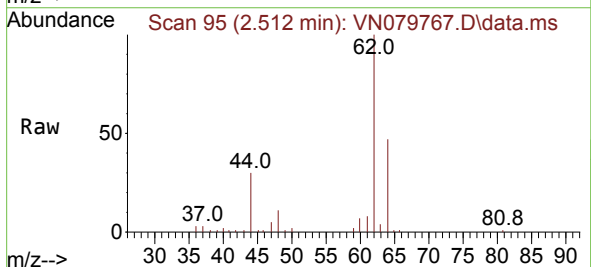
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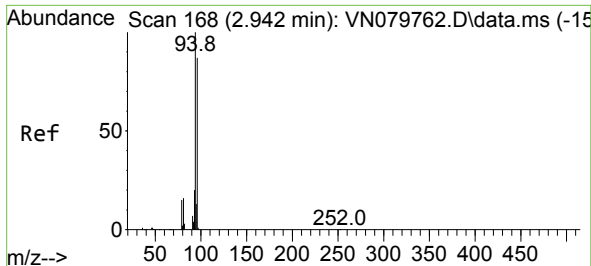
Tgt Ion: 62 Resp: 47482

Ion Ratio Lower Upper

62 100

64 35.9 26.2 39.2

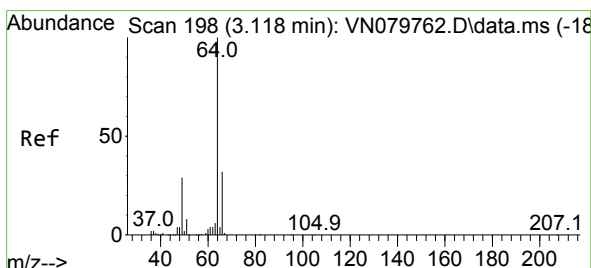
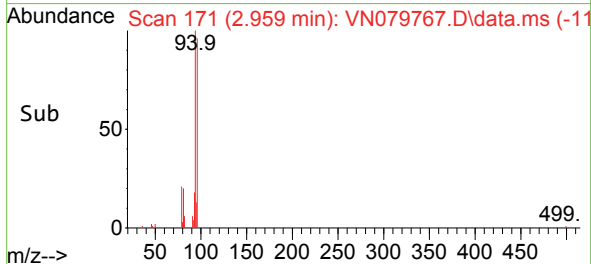
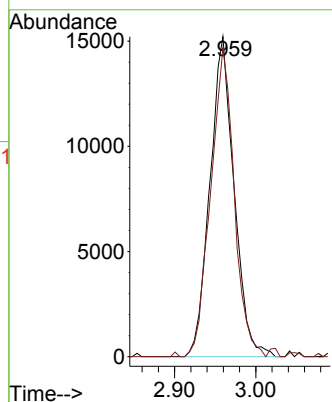
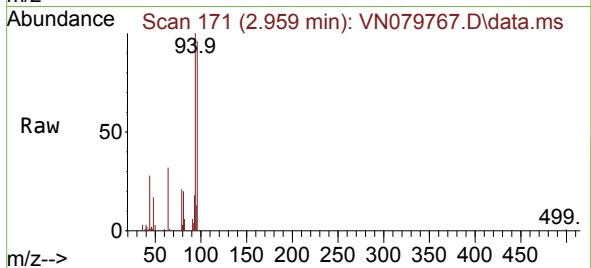




#5
Bromomethane
Concen: 10.745 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

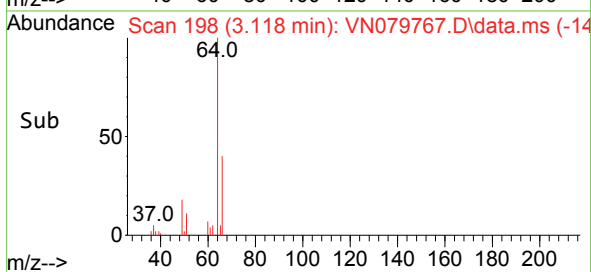
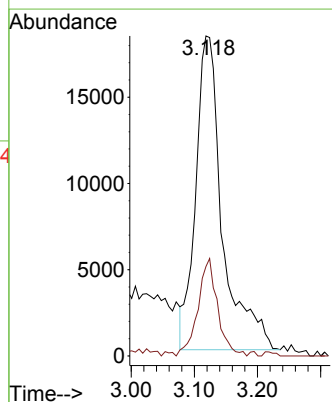
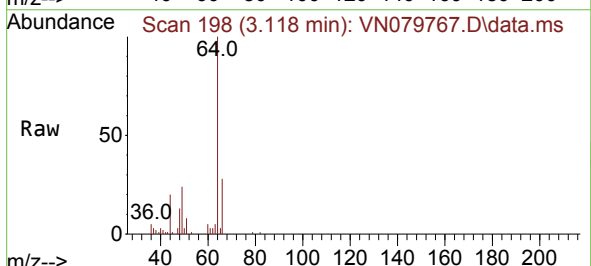
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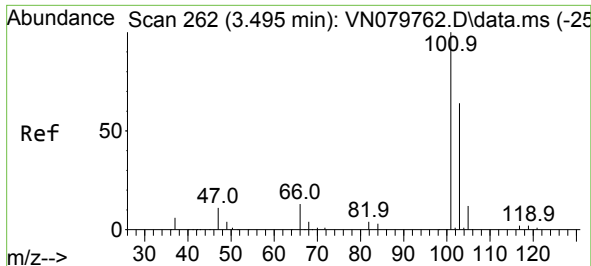
Tgt Ion: 94 Resp: 31407
Ion Ratio Lower Upper
94 100
96 96.4 73.1 109.7



#6
Chloroethane
Concen: 14.022 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

Tgt Ion: 64 Resp: 53500
Ion Ratio Lower Upper
64 100
66 28.5 25.4 38.2

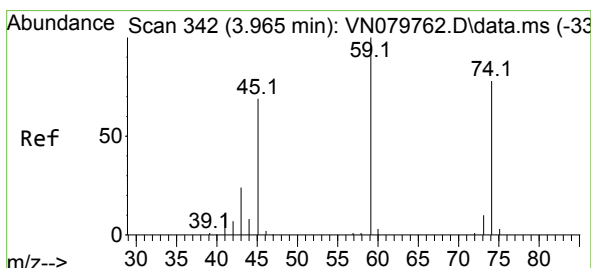
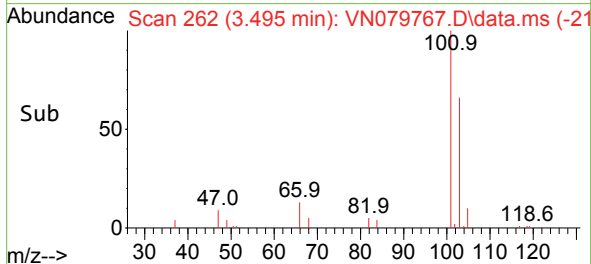
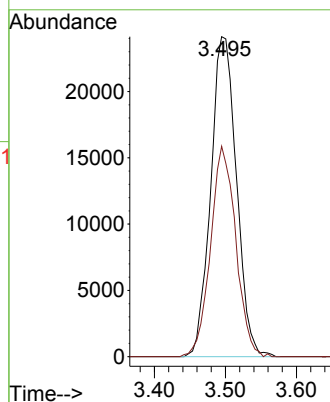
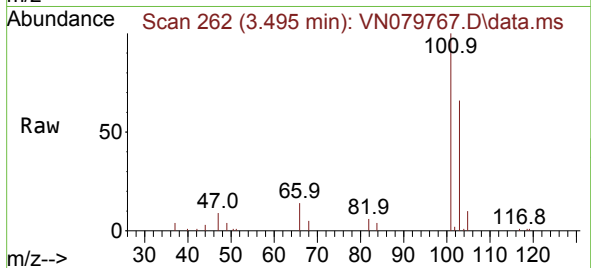




#7
 Trichlorofluoromethane
 Concen: 10.143 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. 0.000 min
 Lab File: VN079767.D
 Acq: 01 Nov 2023 12:50

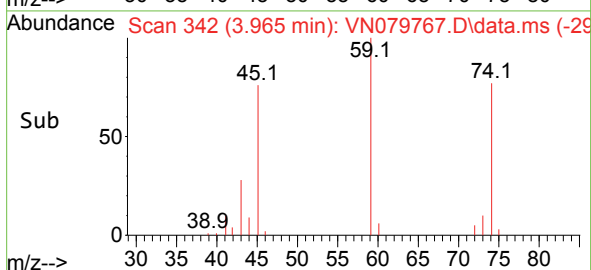
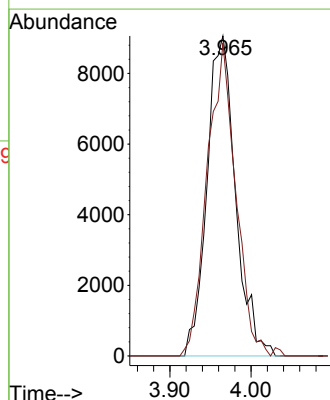
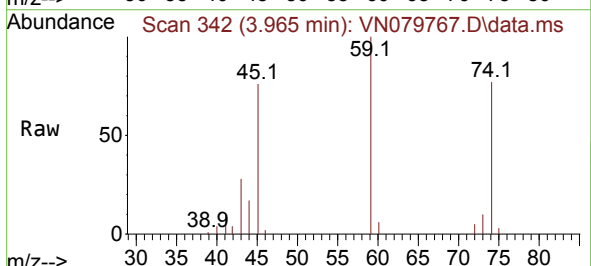
Instrument :
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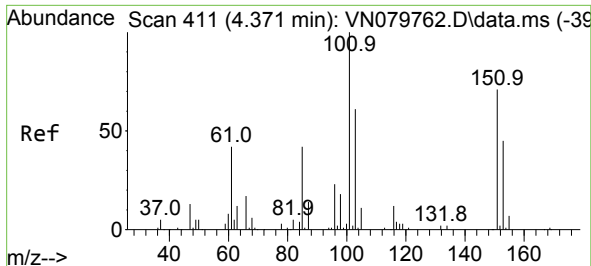
Tgt Ion:101 Resp: 60694
 Ion Ratio Lower Upper
 101 100
 103 65.8 50.7 76.1



#8
 Diethyl Ether
 Concen: 9.754 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN079767.D
 Acq: 01 Nov 2023 12:50

Tgt Ion: 74 Resp: 22149
 Ion Ratio Lower Upper
 74 100
 45 97.4 34.4 103.3

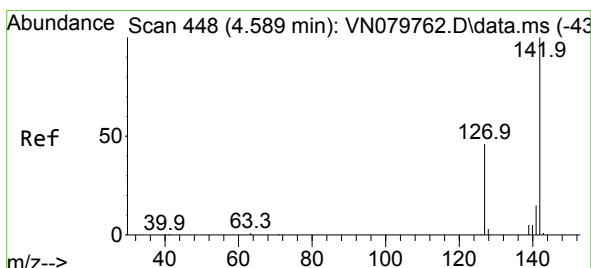
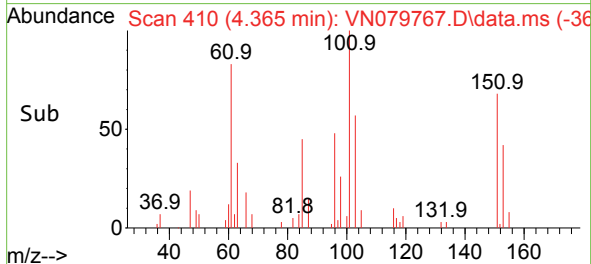
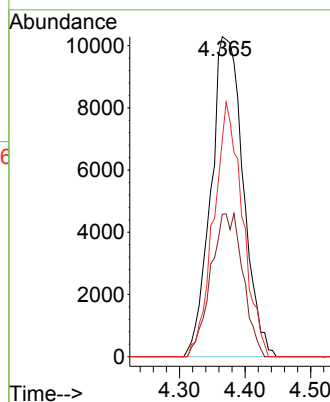
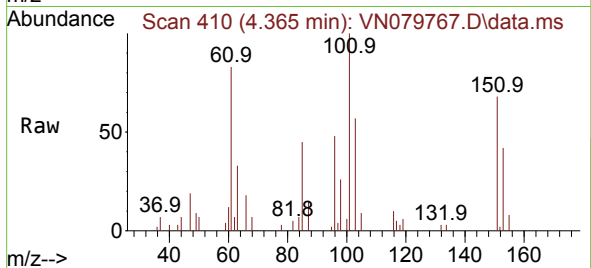




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.158 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN079767.D
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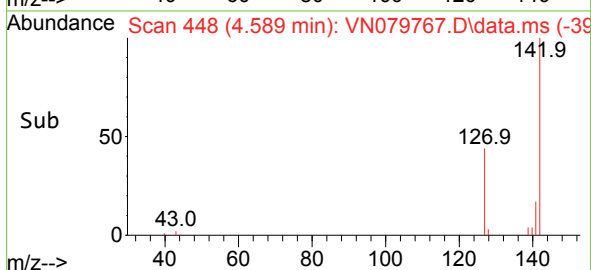
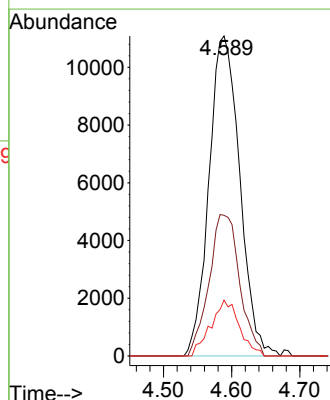
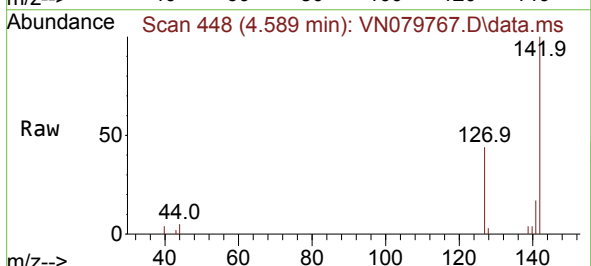
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

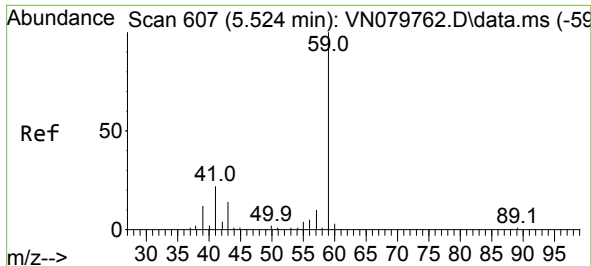
Tgt Ion:101 Resp: 35234
Ion Ratio Lower Upper
101 100
85 44.5 36.6 55.0
151 70.9 57.6 86.4



#10
Methyl Iodide
Concen: 8.782 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

Tgt Ion:142 Resp: 34786
Ion Ratio Lower Upper
142 100
127 44.0 37.6 56.4
141 17.5 11.4 17.0#

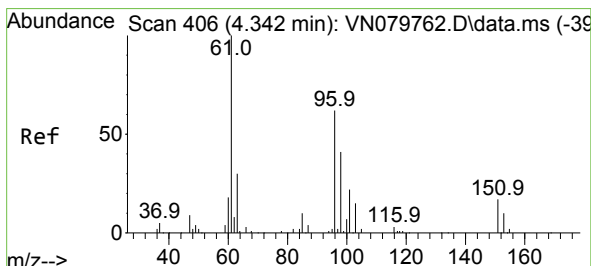
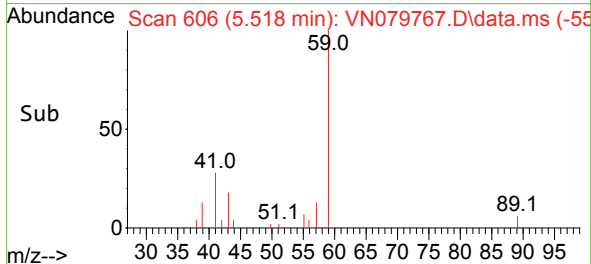
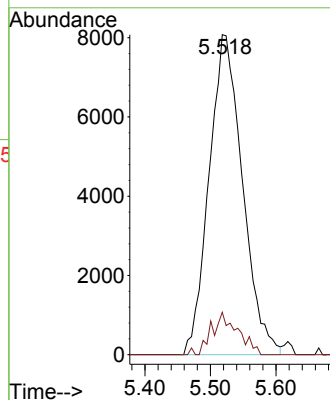
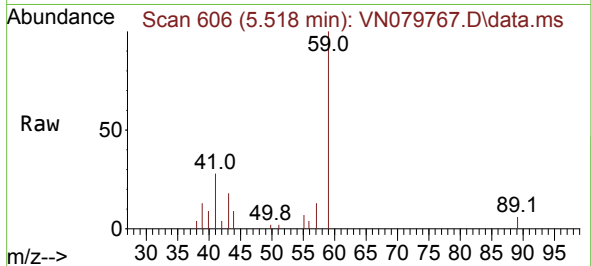




#11
Tert butyl alcohol
Concen: 48.199 ug/l
RT: 5.518 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

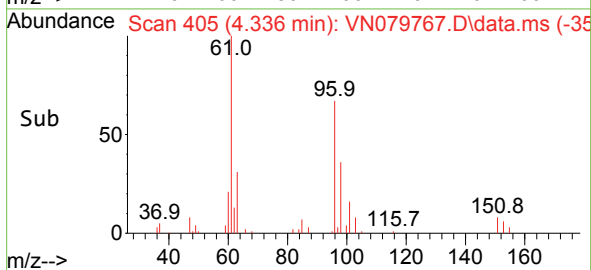
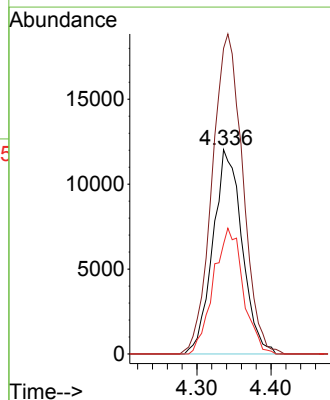
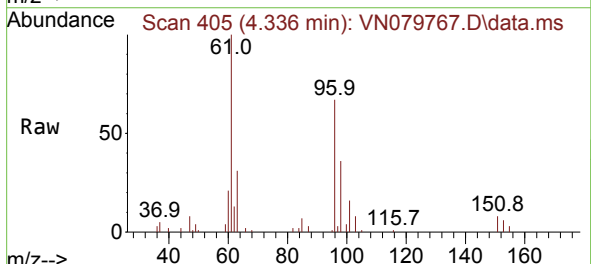
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

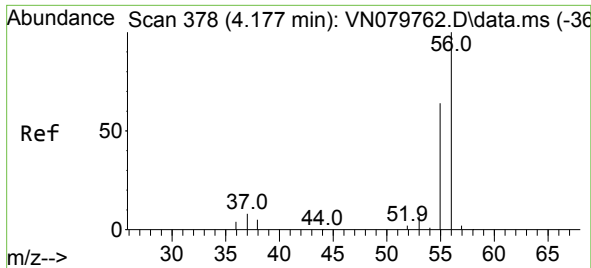
Tgt Ion: 59 Resp: 28602
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4



#12
1,1-Dichloroethene
Concen: 10.023 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.012 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

Tgt Ion: 96 Resp: 32919
Ion Ratio Lower Upper
96 100
61 149.5 112.7 169.1
98 53.8 51.2 76.8

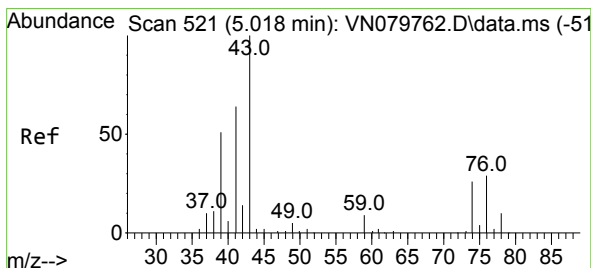
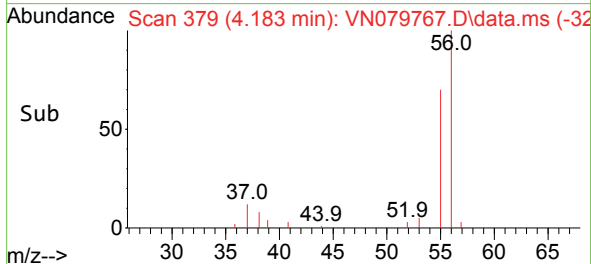
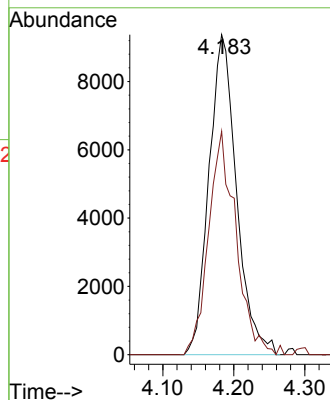
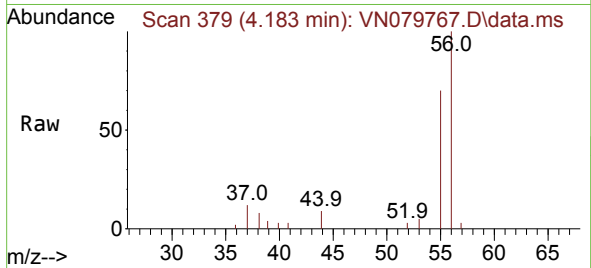




#13
Acrolein
Concen: 48.332 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

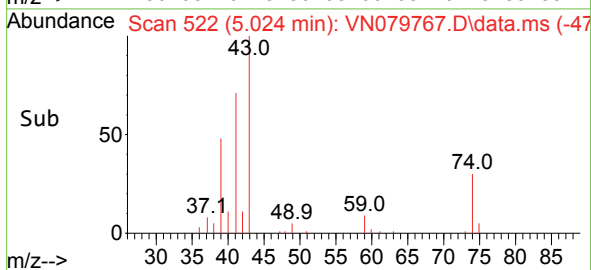
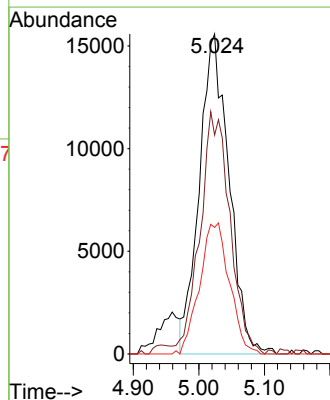
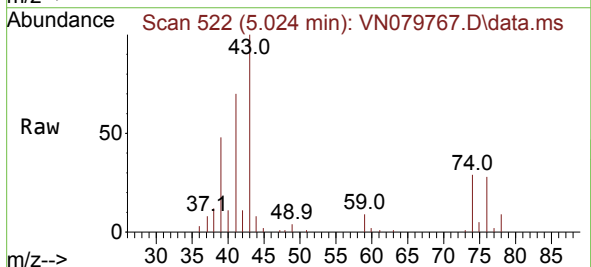
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

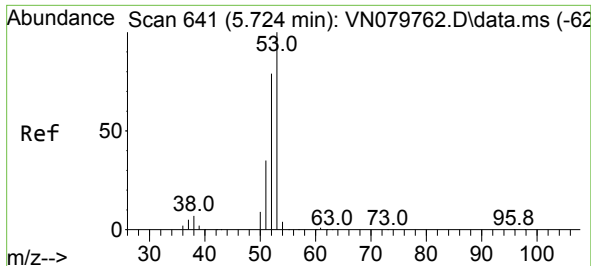
Tgt Ion: 56 Resp: 25240
Ion Ratio Lower Upper
56 100
55 69.2 54.5 81.7



#14
Allyl chloride
Concen: 9.705 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

Tgt Ion: 41 Resp: 48819
Ion Ratio Lower Upper
41 100
39 76.5 58.8 88.2
76 41.4 39.1 58.7

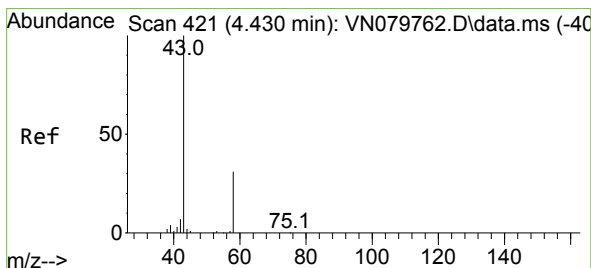
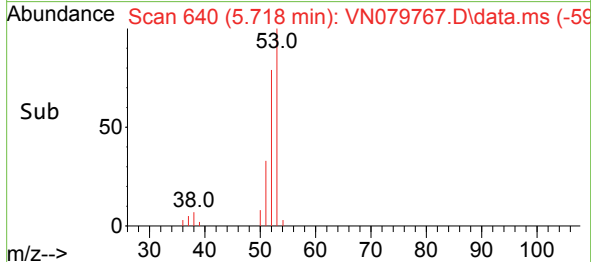
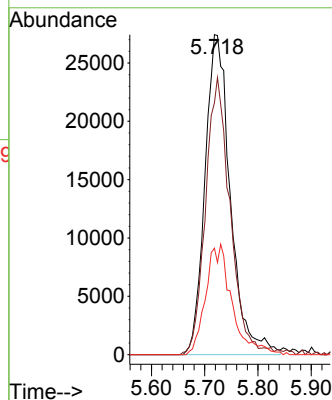
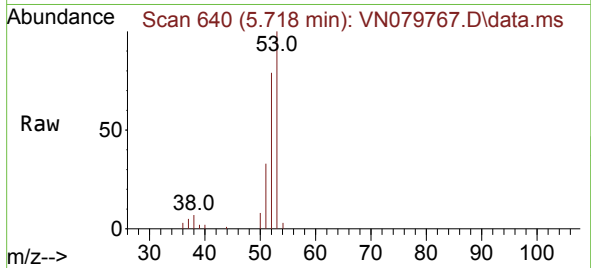




#15
Acrylonitrile
Concen: 49.231 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

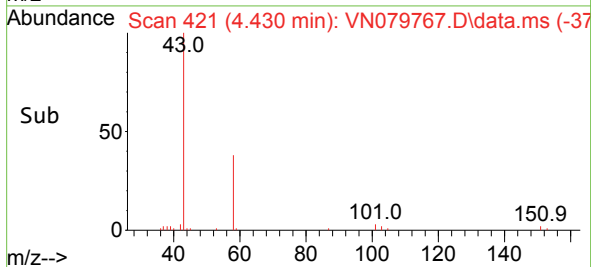
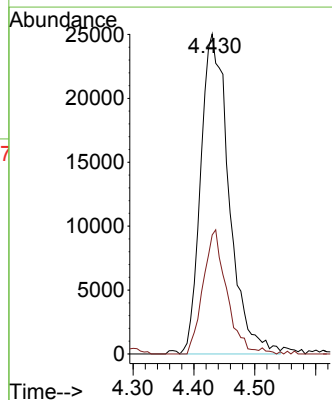
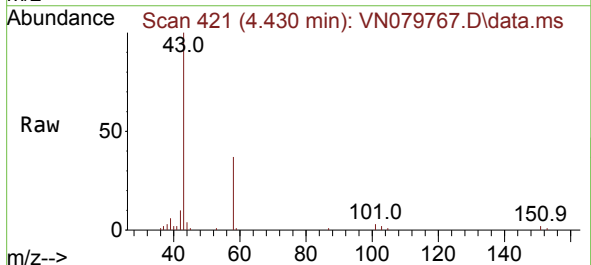
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

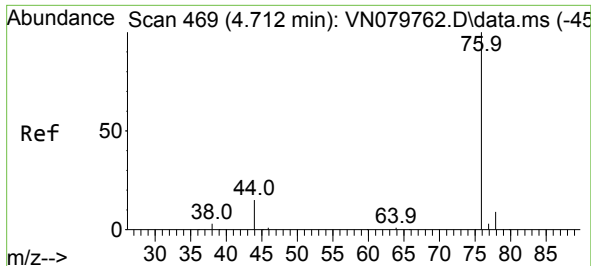
Tgt Ion: 53 Resp: 91043
Ion Ratio Lower Upper
53 100
52 82.7 65.3 97.9
51 35.6 28.9 43.3



#16
Acetone
Concen: 49.588 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

Tgt Ion: 43 Resp: 80970
Ion Ratio Lower Upper
43 100
58 37.2 28.0 42.0

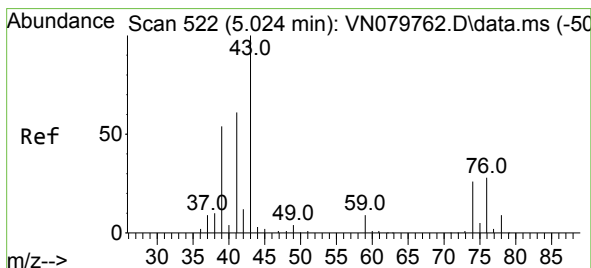
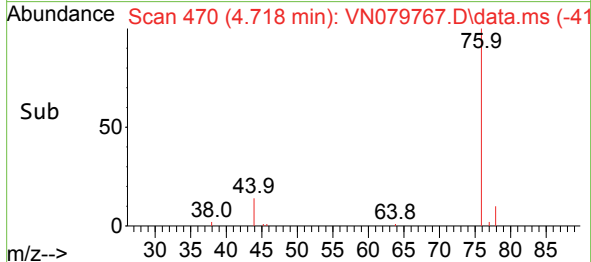
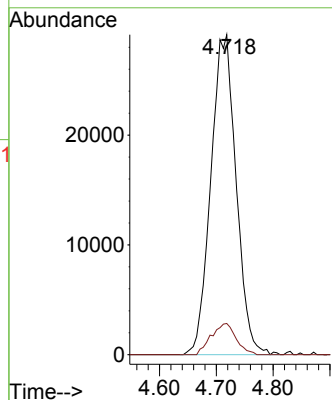
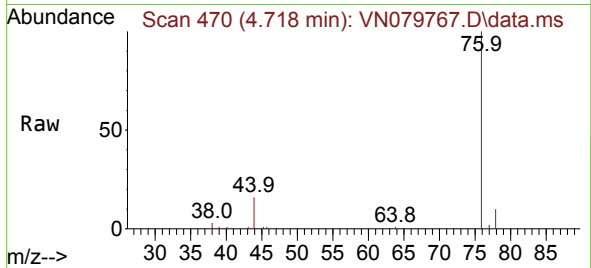




#17
Carbon Disulfide
Concen: 9.513 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

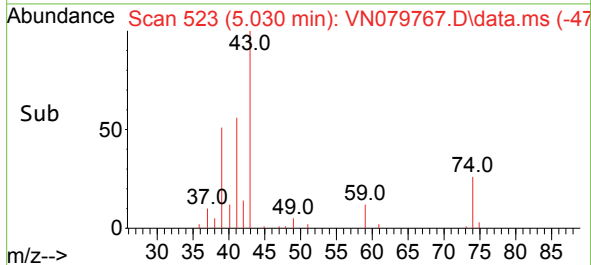
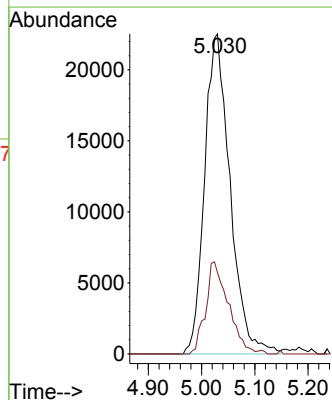
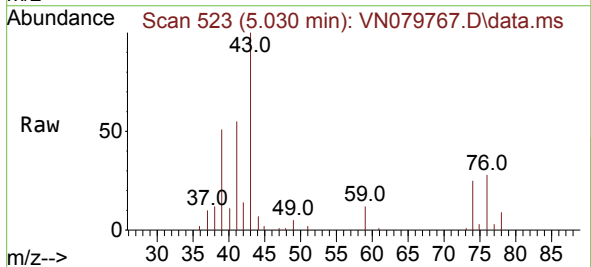
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

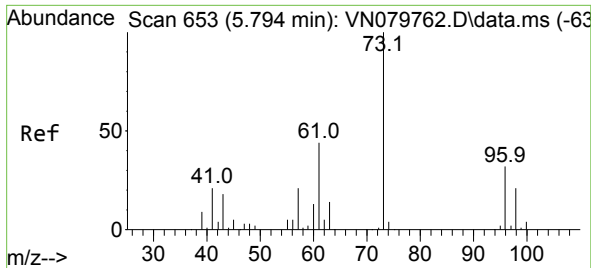
Tgt Ion: 76 Resp: 90125
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0



#18
Methyl Acetate
Concen: 9.578 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

Tgt Ion: 43 Resp: 74825
Ion Ratio Lower Upper
43 100
74 25.9 26.2 39.4#

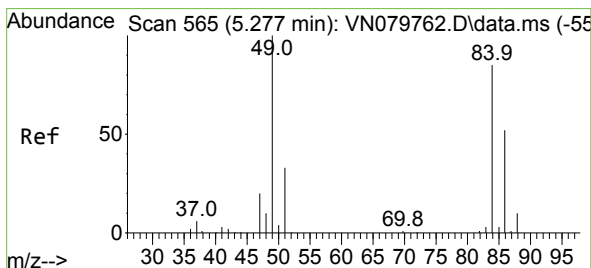
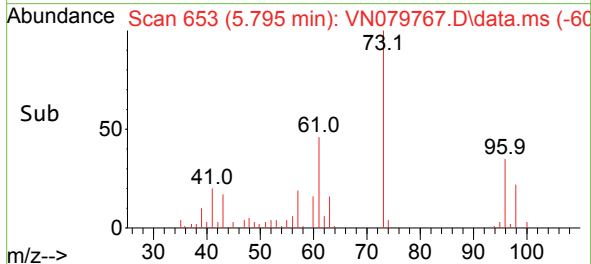
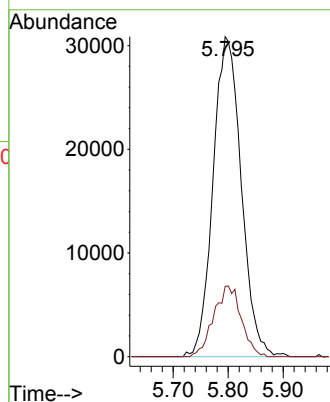
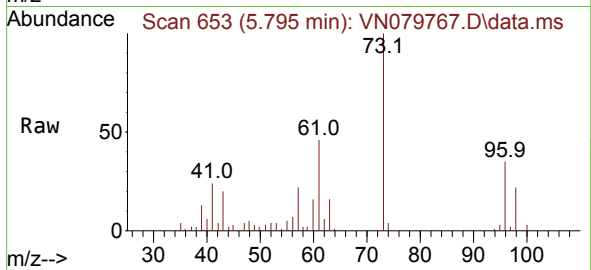




#19
Methyl tert-butyl Ether
Concen: 9.687 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

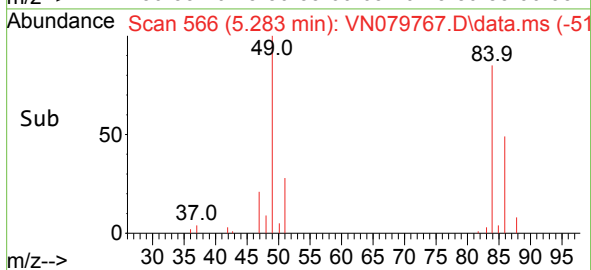
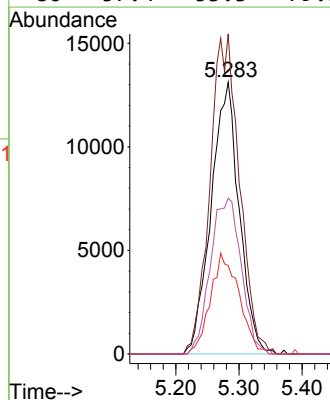
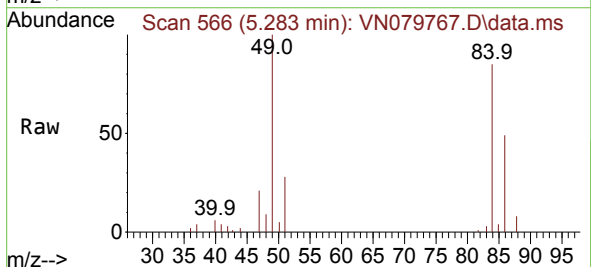
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

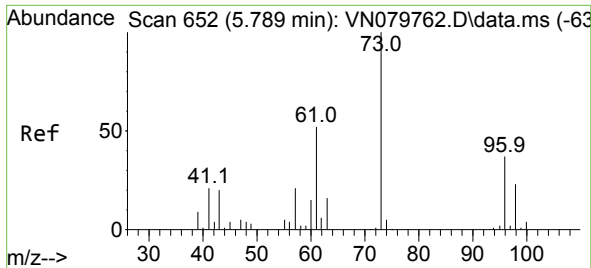
Tgt Ion: 73 Resp: 109532
Ion Ratio Lower Upper
73 100
57 21.9 15.6 23.4



#20
Methylene Chloride
Concen: 9.837 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

Tgt Ion: 84 Resp: 40531
Ion Ratio Lower Upper
84 100
49 117.8 79.7 119.5
51 32.6 25.2 37.8
86 57.4 53.3 79.9

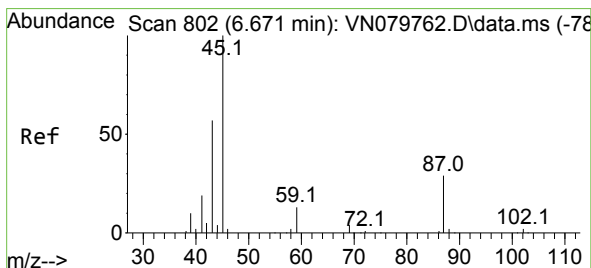
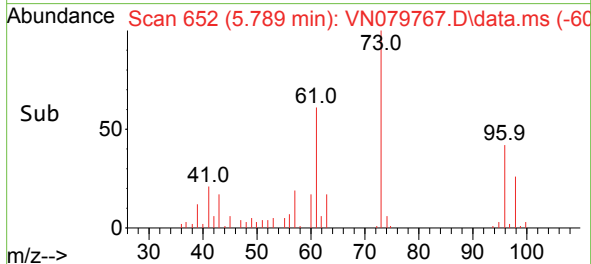
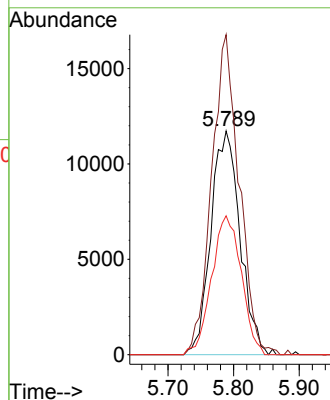
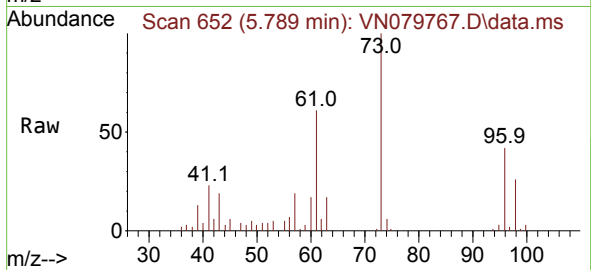




#21
trans-1,2-Dichloroethene
Concen: 9.885 ug/l
RT: 5.789 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

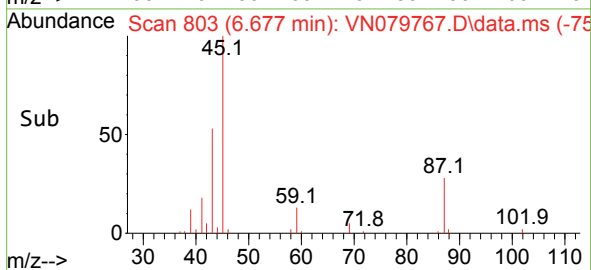
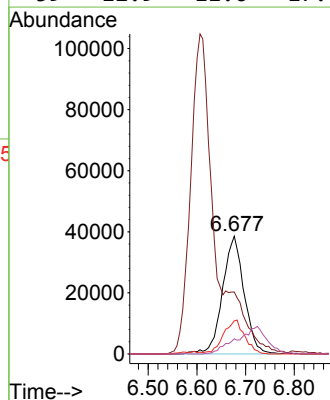
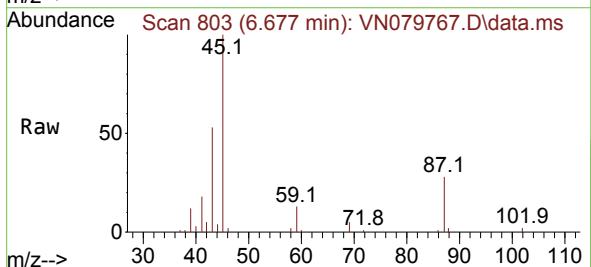
Instrument :
MSVOA_N
ClientSampleId :
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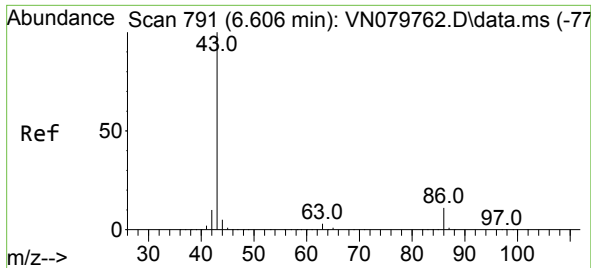
Tgt Ion: 96 Resp: 36208
Ion Ratio Lower Upper
96 100
61 143.0 90.1 135.1#
98 62.1 46.4 69.6



#22
Diisopropyl ether
Concen: 10.184 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

Tgt Ion: 45 Resp: 118719
Ion Ratio Lower Upper
45 100
43 50.5 45.5 68.3
87 28.1 31.8 47.8#
59 12.9 11.6 17.4

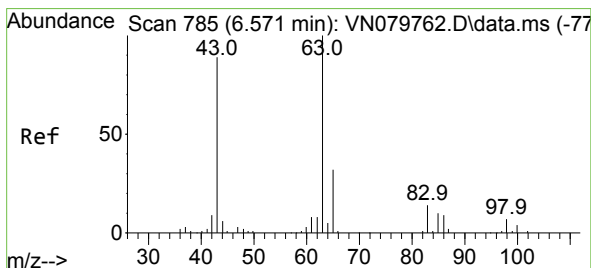
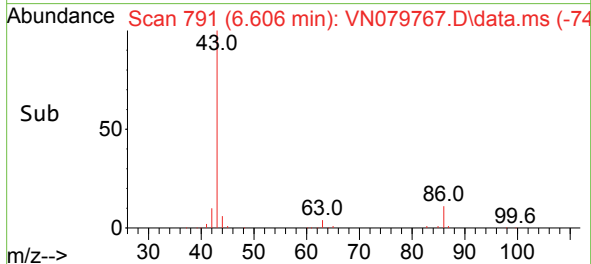
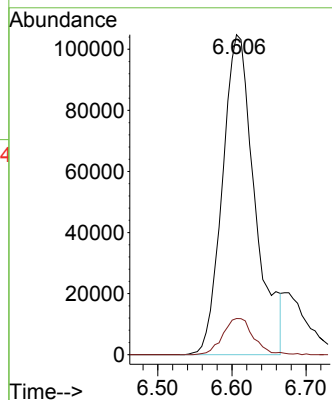
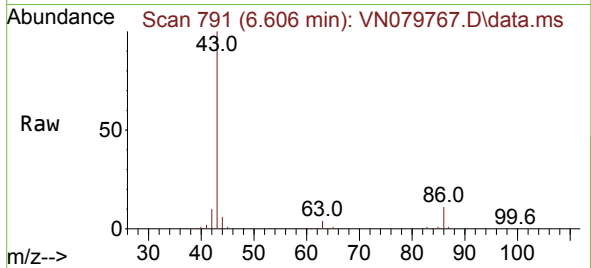




#23
 Vinyl Acetate
 Concen: 49.483 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079767.D
 Acq: 01 Nov 2023 12:50

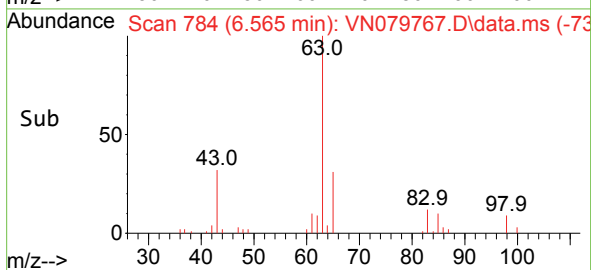
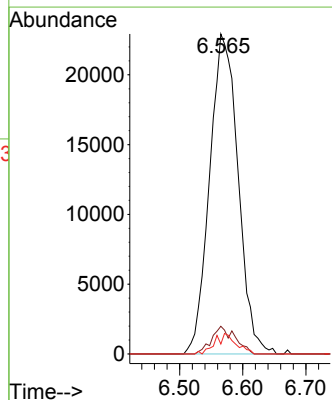
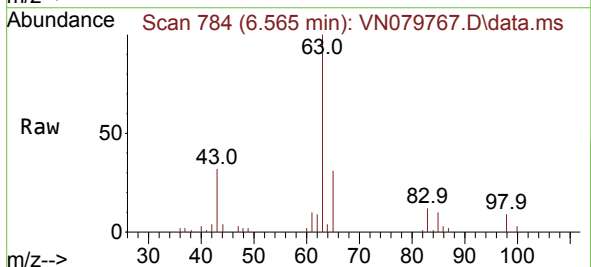
Instrument :
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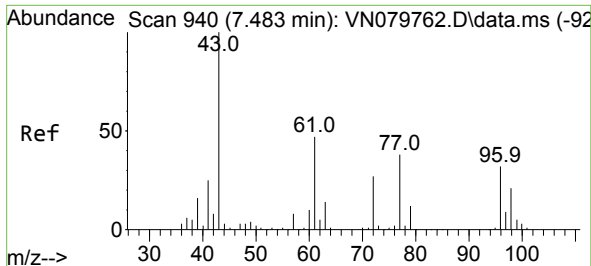
Tgt Ion: 43 Resp: 318182
 Ion Ratio Lower Upper
 43 100
 86 11.3 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 10.121 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN079767.D
 Acq: 01 Nov 2023 12:50

Tgt Ion: 63 Resp: 71712
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.9 11.7
 100 3.1 2.5 7.4

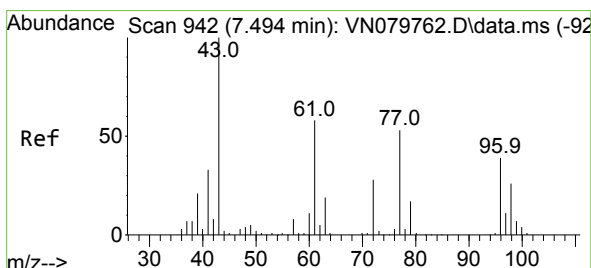
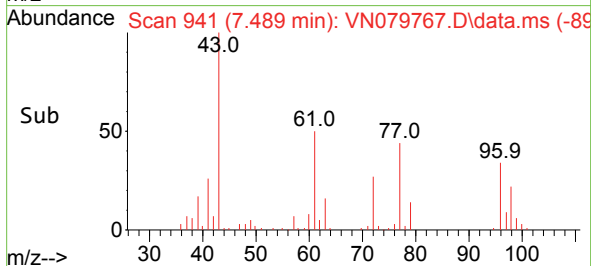
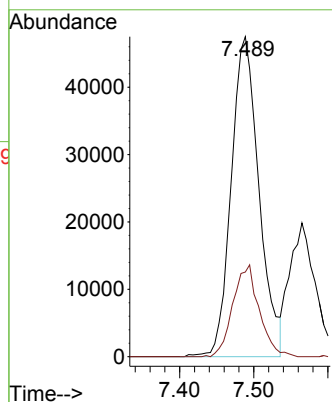
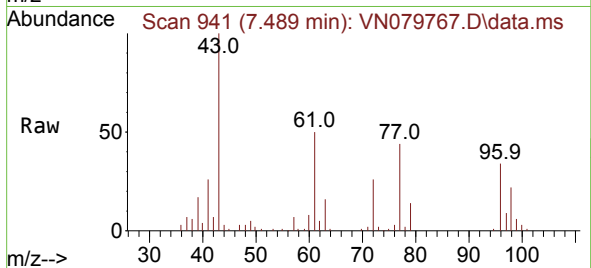




#25
2-Butanone
Concen: 51.749 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

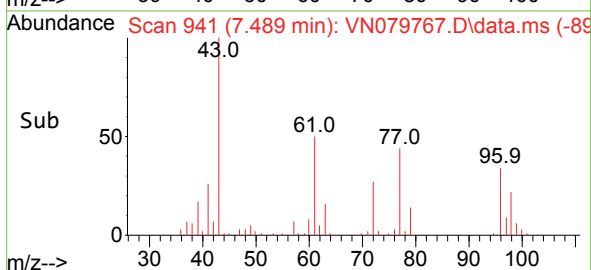
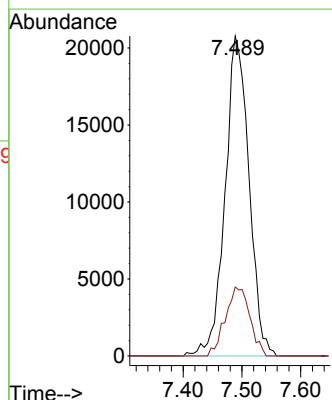
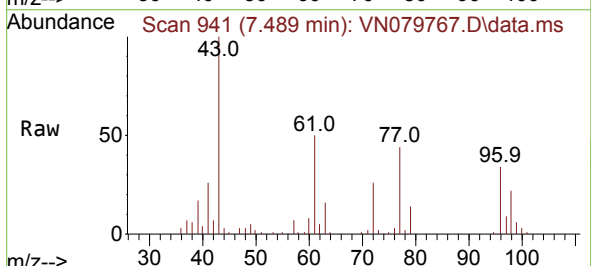
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

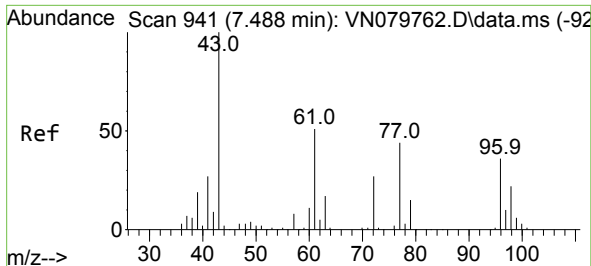
Tgt Ion: 43 Resp: 123738
Ion Ratio Lower Upper
43 100
72 26.4 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 10.000 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

Tgt Ion: 77 Resp: 58597
Ion Ratio Lower Upper
77 100
97 22.0 11.2 33.6

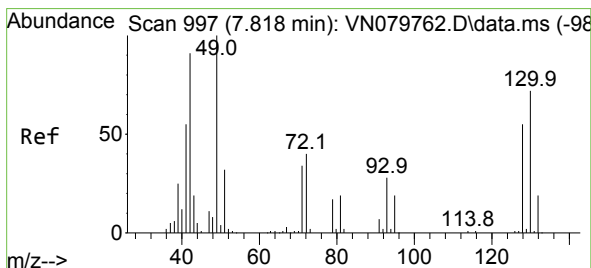
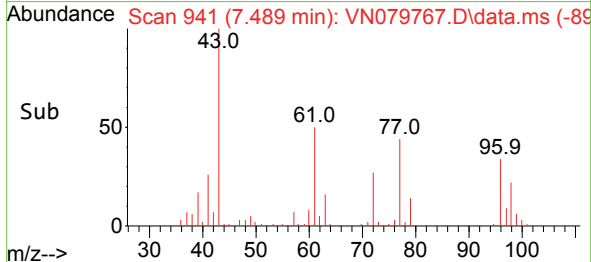
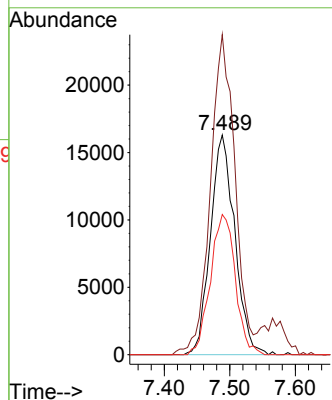
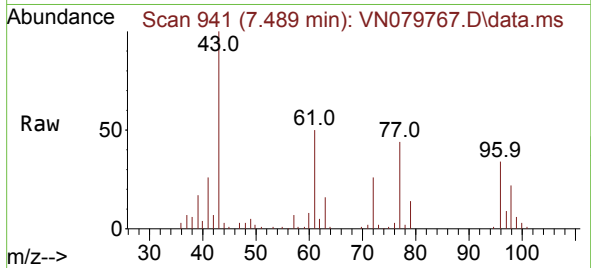




#27
 cis-1,2-Dichloroethene
 Concen: 9.573 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN079767.D
 Acq: 01 Nov 2023 12:50

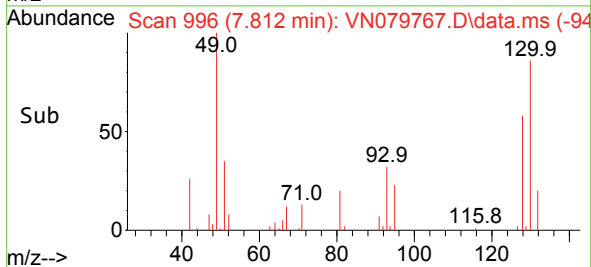
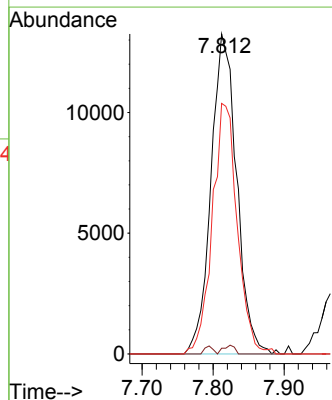
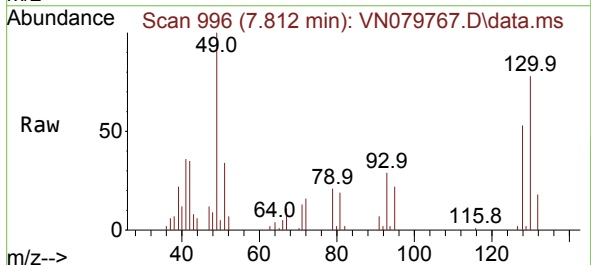
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

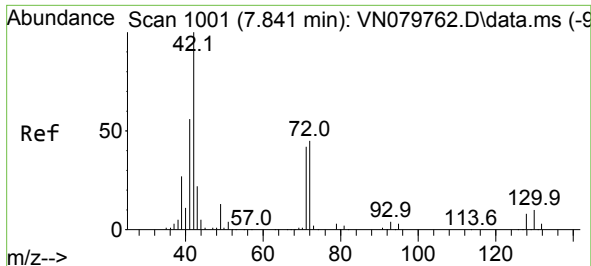
Tgt Ion: 96 Resp: 41943
 Ion Ratio Lower Upper
 96 100
 61 147.1 0.0 255.2
 98 65.5 0.0 128.8



#28
 Bromochloromethane
 Concen: 9.623 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN079767.D
 Acq: 01 Nov 2023 12:50

Tgt Ion: 49 Resp: 33229
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.8
 130 75.9 75.3 112.9

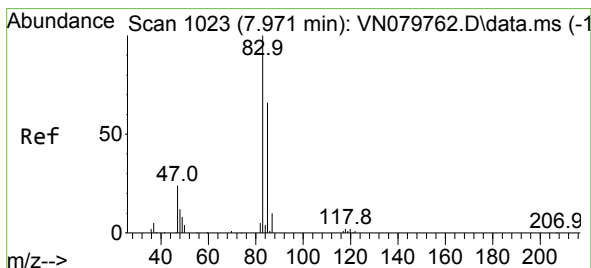
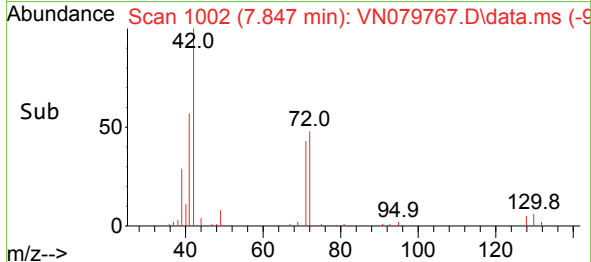
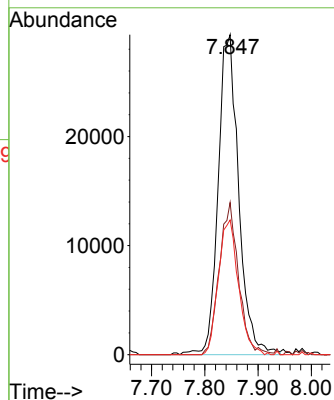
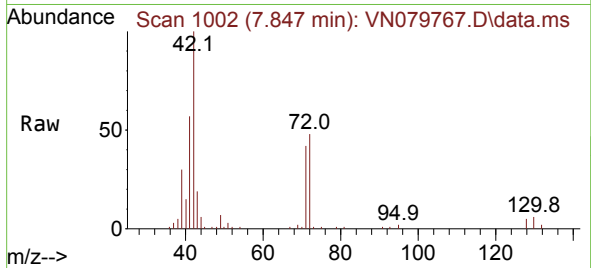




#29
Tetrahydrofuran
Concen: 50.436 ug/l
RT: 7.847 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

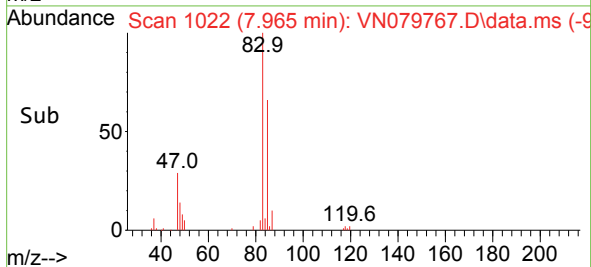
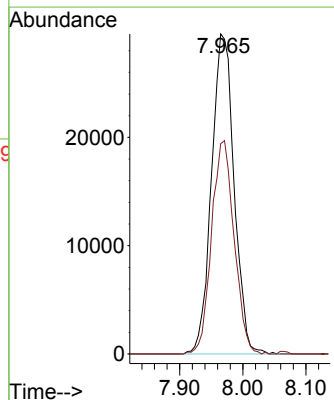
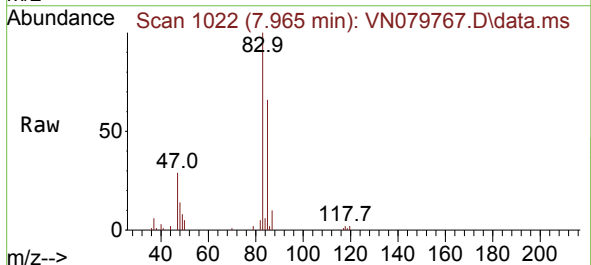
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

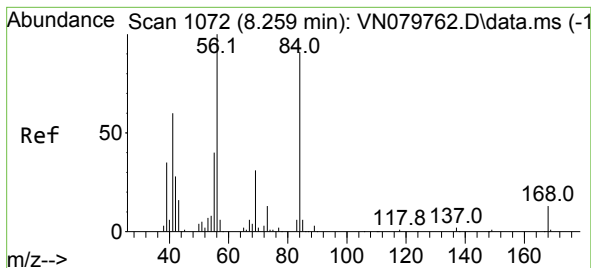
Tgt Ion: 42 Resp: 78463
Ion Ratio Lower Upper
42 100
72 45.0 49.8 74.6#
71 41.4 47.4 71.2#



#30
Chloroform
Concen: 9.535 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

Tgt Ion: 83 Resp: 73387
Ion Ratio Lower Upper
83 100
85 65.7 55.4 83.0





#31

Cyclohexane

Concen: 10.020 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN079767.D

Acq: 01 Nov 2023 12:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

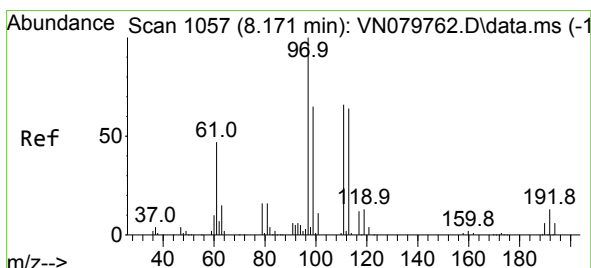
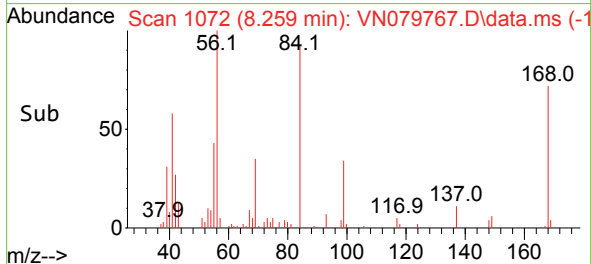
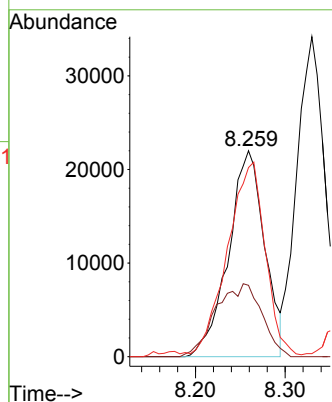
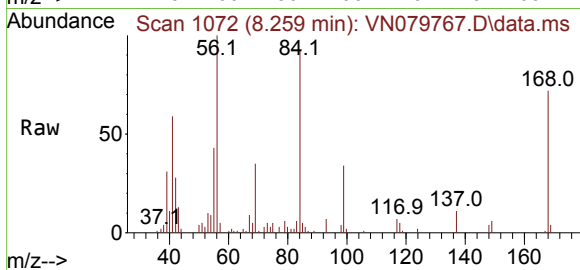
Tgt Ion: 56 Resp: 61549

Ion Ratio Lower Upper

56 100

69 34.7 26.8 40.2

84 90.4 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 10.089 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079767.D

Acq: 01 Nov 2023 12:50

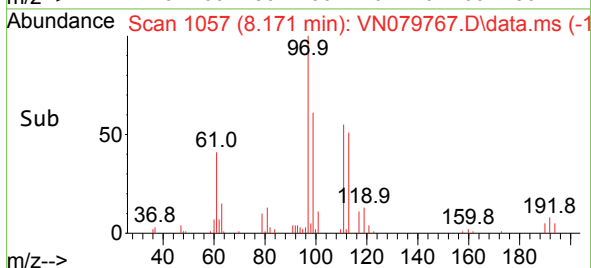
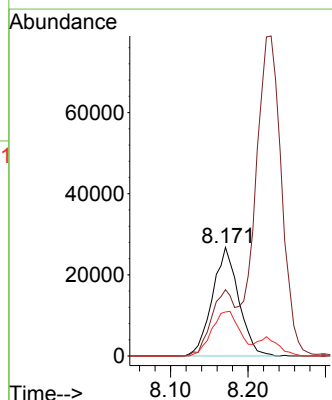
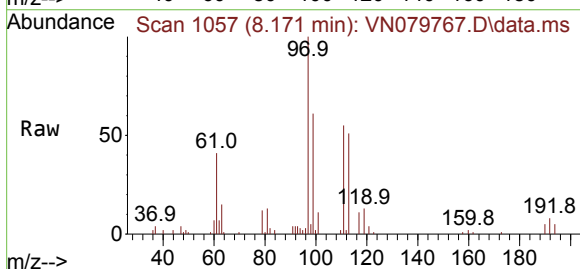
Tgt Ion: 97 Resp: 63266

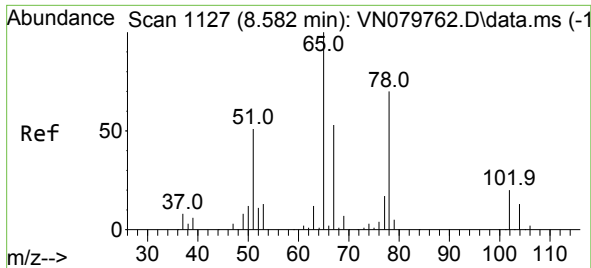
Ion Ratio Lower Upper

97 100

99 51.7 50.3 75.5

61 44.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 9.202 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079767.D

Acq: 01 Nov 2023 12:50

Instrument :

MSVOA_N

ClientSampleId :

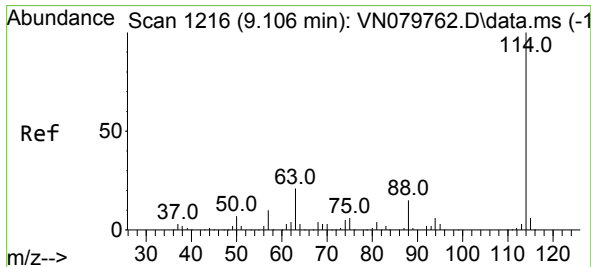
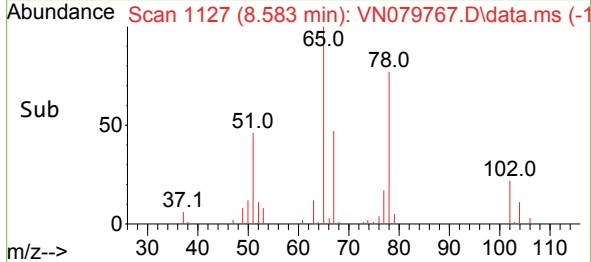
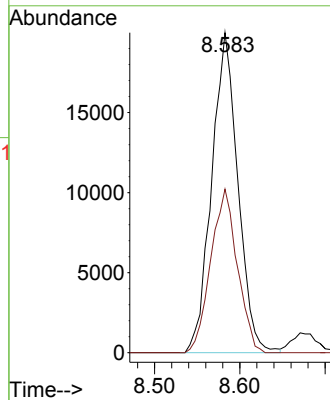
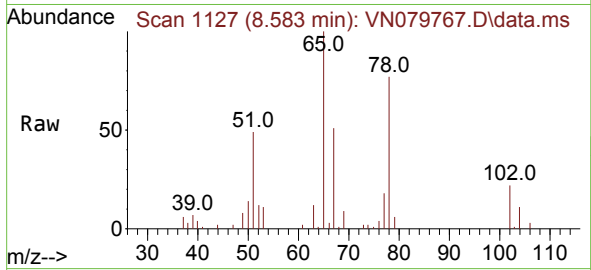
VSTDIC010

Tgt Ion: 65 Resp: 42776

Ion Ratio Lower Upper

65 100

67 51.7 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079767.D

Acq: 01 Nov 2023 12:50

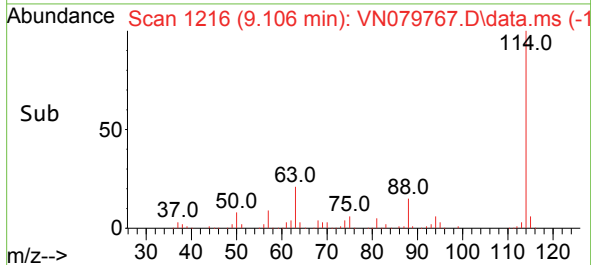
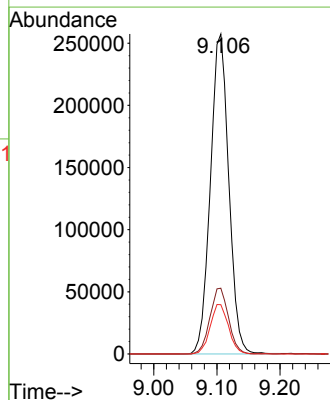
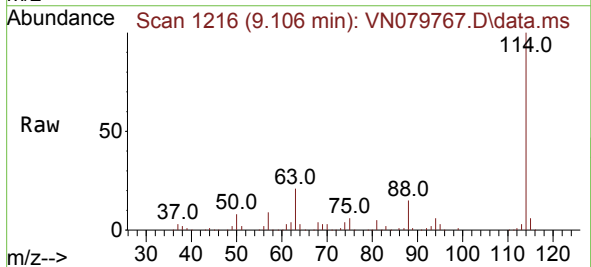
Tgt Ion: 114 Resp: 520232

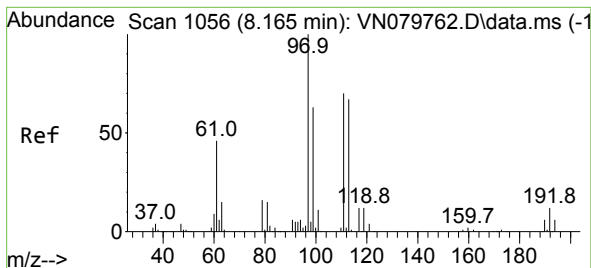
Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.4

88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 9.306 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN079767.D

Acq: 01 Nov 2023 12:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

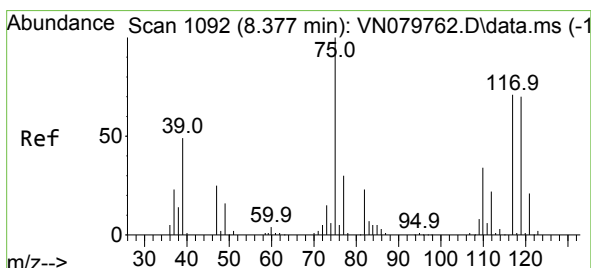
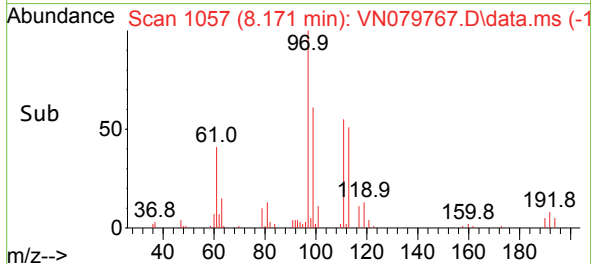
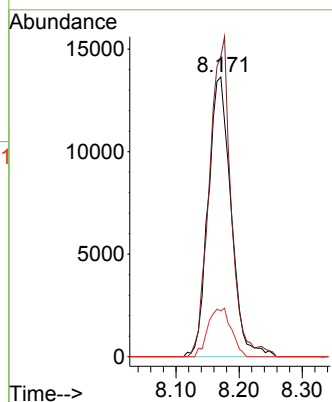
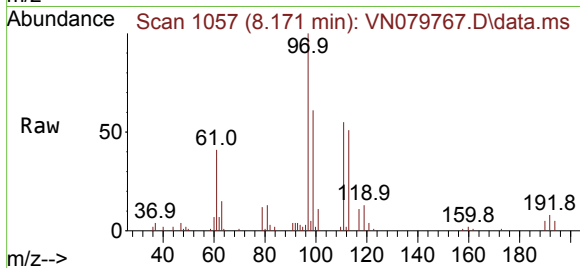
Tgt Ion:113 Resp: 34265

Ion Ratio Lower Upper

113 100

111 108.2 82.6 123.8

192 17.7 12.7 19.1



#36

1,1-Dichloropropene

Concen: 9.799 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VN079767.D

Acq: 01 Nov 2023 12:50

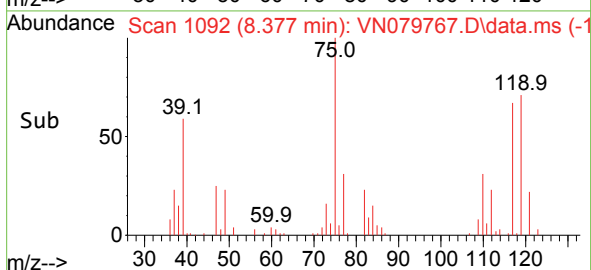
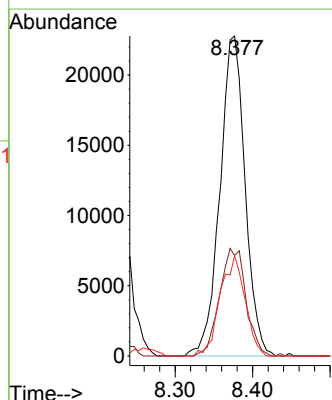
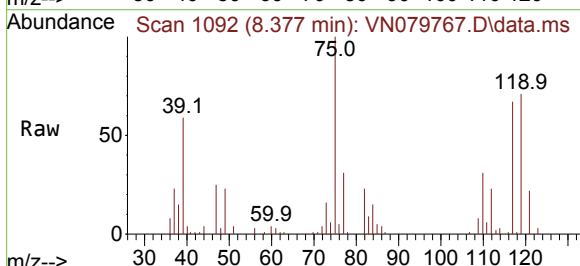
Tgt Ion: 75 Resp: 51516

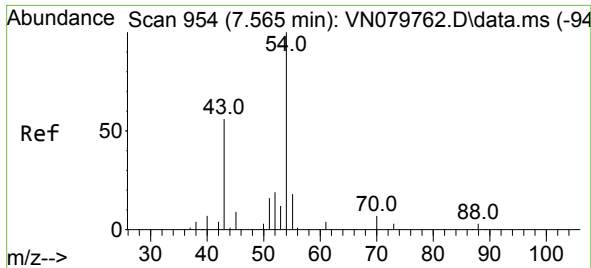
Ion Ratio Lower Upper

75 100

110 35.2 19.1 57.3

77 31.1 25.0 37.4

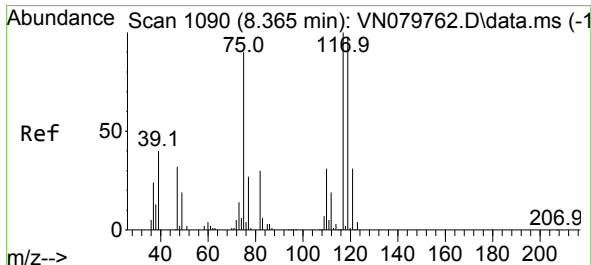
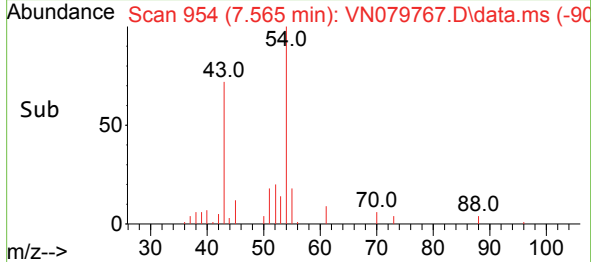
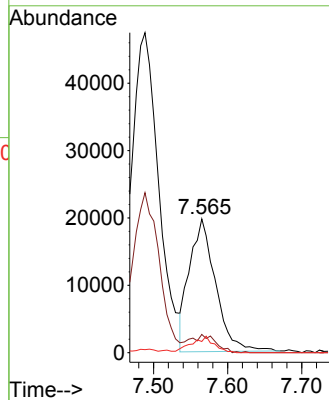
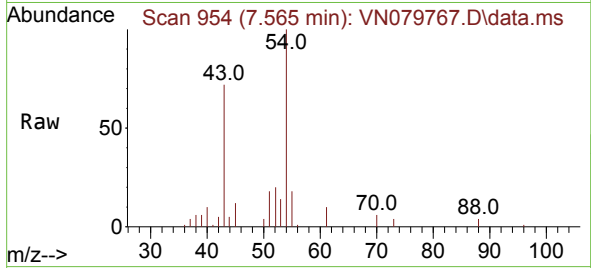




#37
Ethyl Acetate
Concen: 10.032 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

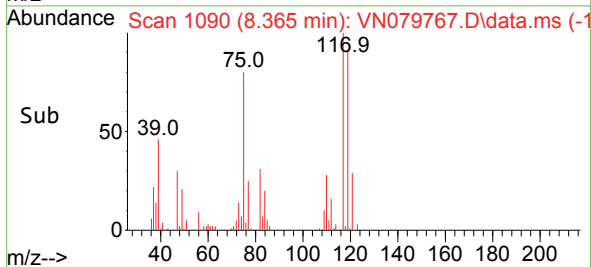
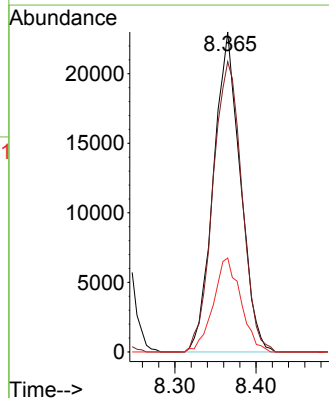
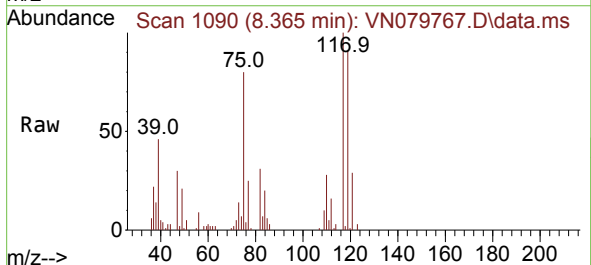
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

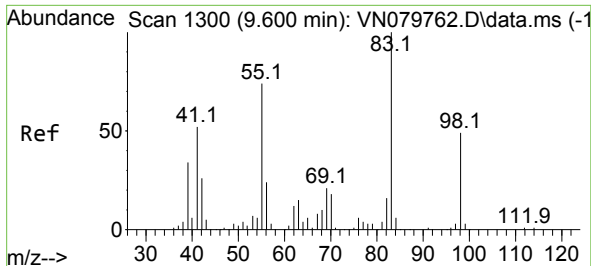
Tgt Ion: 43 Resp: 48368
Ion Ratio Lower Upper
43 100
61 12.8 13.2 19.8#
70 10.6 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 9.984 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

Tgt Ion: 117 Resp: 52898
Ion Ratio Lower Upper
117 100
119 90.7 77.3 115.9
121 29.4 23.3 34.9





#39

Methylcyclohexane

Concen: 9.889 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079767.D

Acq: 01 Nov 2023 12:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

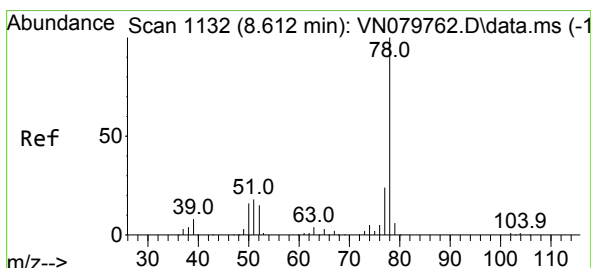
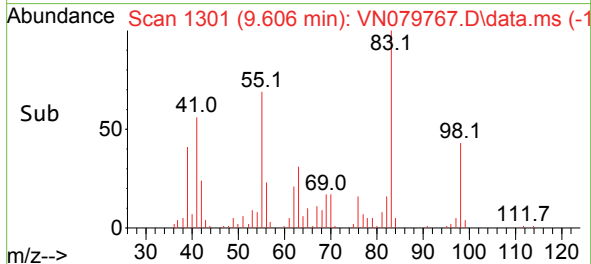
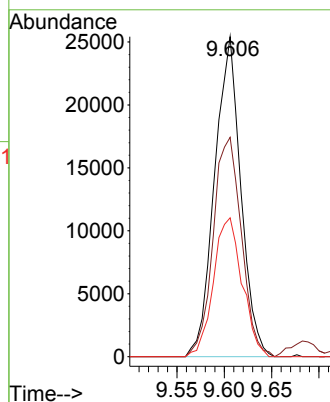
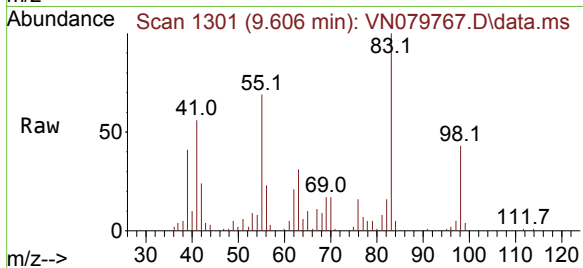
Tgt Ion: 83 Resp: 48928

Ion Ratio Lower Upper

83 100

55 68.5 49.1 73.7

98 43.4 40.6 61.0



#40

Benzene

Concen: 10.211 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VN079767.D

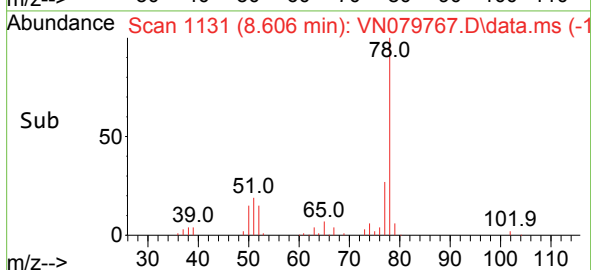
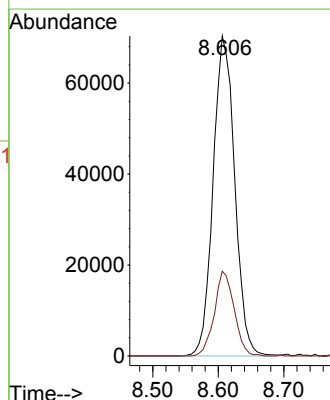
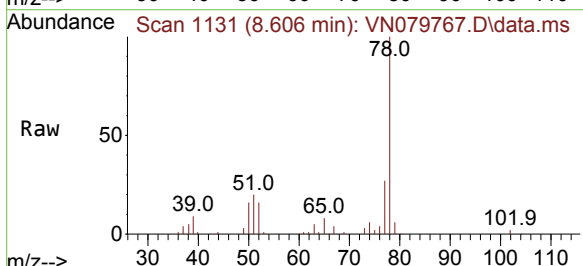
Acq: 01 Nov 2023 12:50

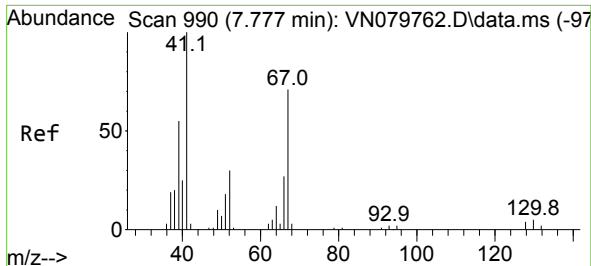
Tgt Ion: 78 Resp: 160791

Ion Ratio Lower Upper

78 100

77 26.5 19.0 28.6

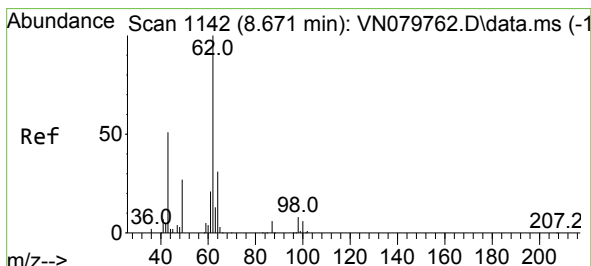
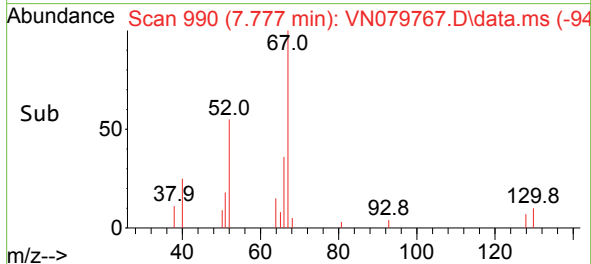
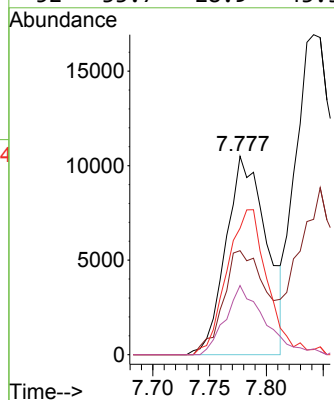
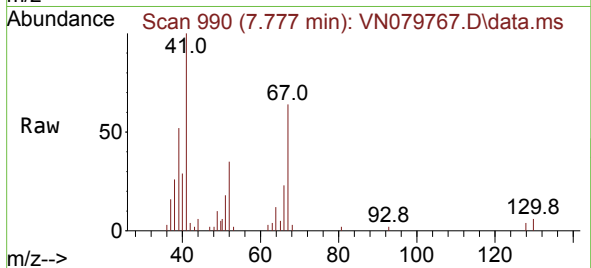




#41
Methacrylonitrile
Concen: 10.219 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

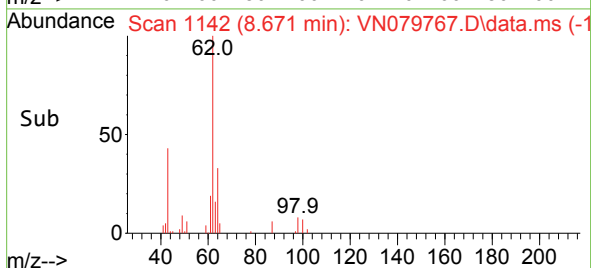
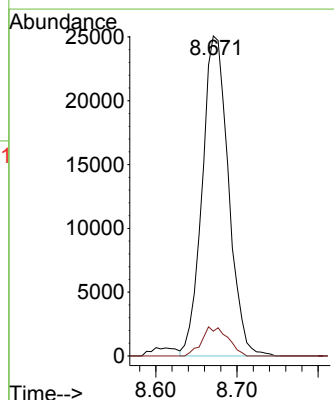
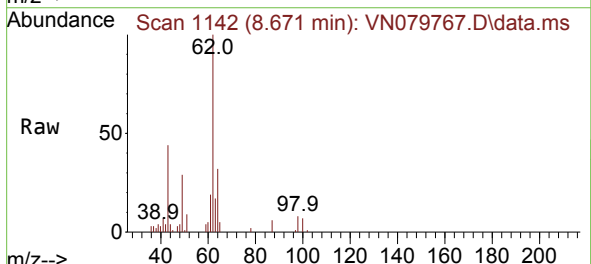
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

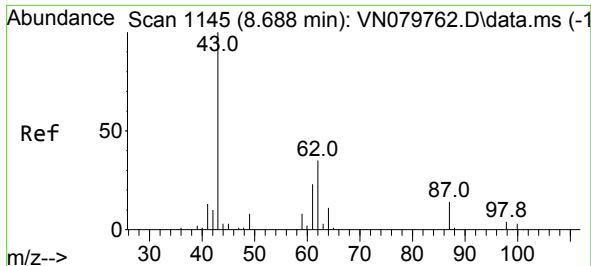
Tgt Ion:	41	Resp:	26164
Ion	Ratio	Lower	Upper
41	100		
39	52.8	42.6	64.0
67	73.2	77.5	116.3
52	33.7	28.9	43.3



#42
1,2-Dichloroethane
Concen: 10.248 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

Tgt Ion:	62	Resp:	56366
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	19.8

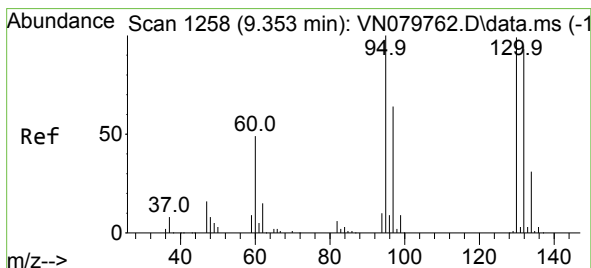
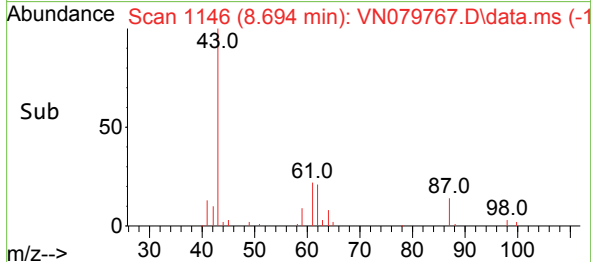
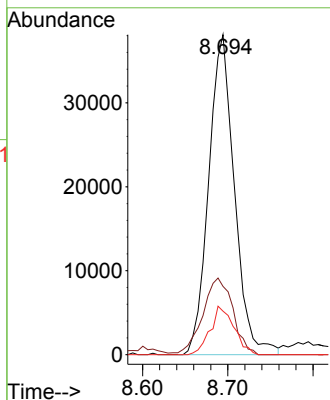
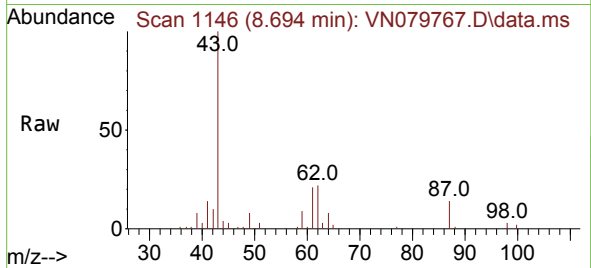




#43
Isopropyl Acetate
Concen: 9.462 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

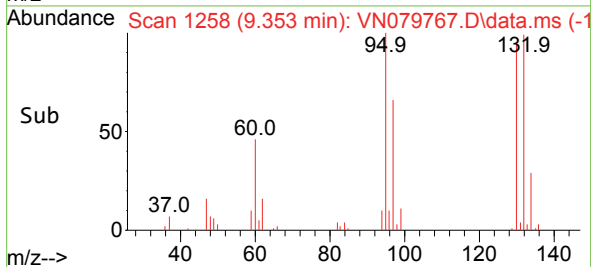
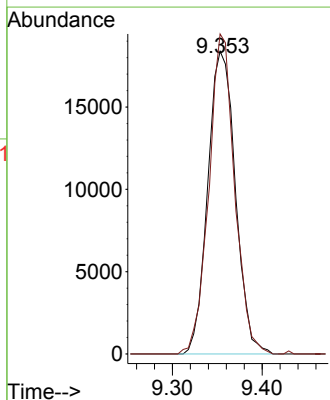
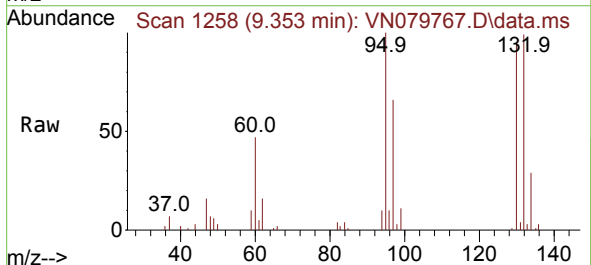
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

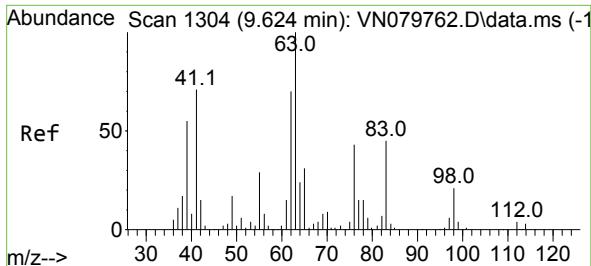
Tgt Ion: 43 Resp: 80002
Ion Ratio Lower Upper
43 100
61 28.1 24.7 37.1
87 14.0 14.6 21.8#



#44
Trichloroethene
Concen: 10.055 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

Tgt Ion:130 Resp: 39290
Ion Ratio Lower Upper
130 100
95 105.7 0.0 204.6

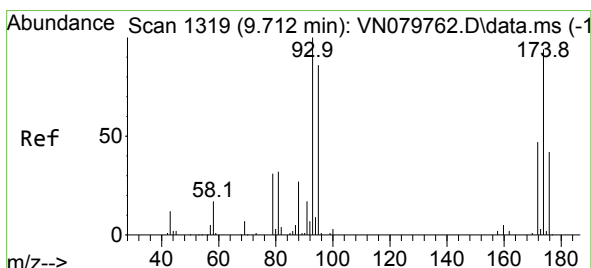
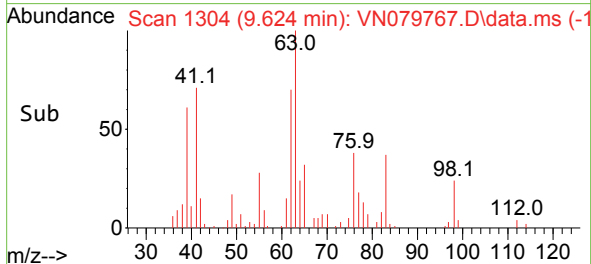
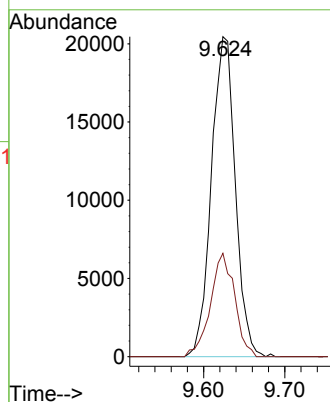
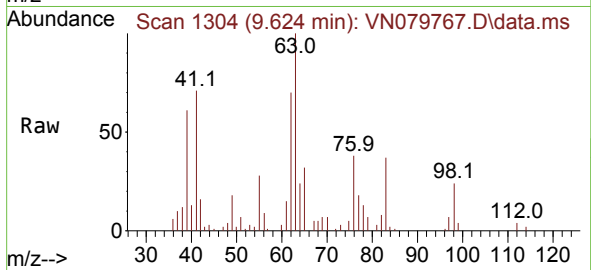




#45
1,2-Dichloropropane
Concen: 10.412 ug/l
RT: 9.624 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

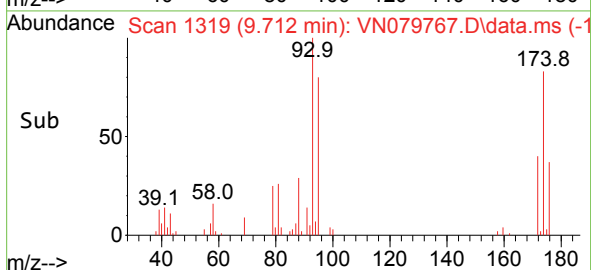
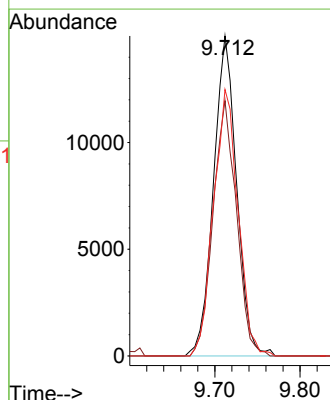
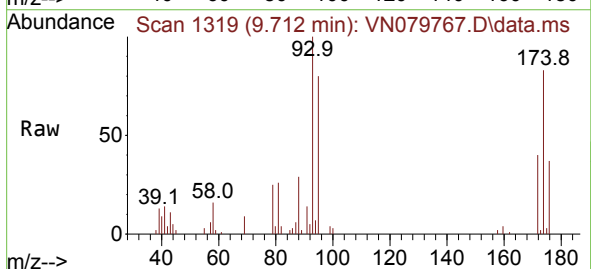
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

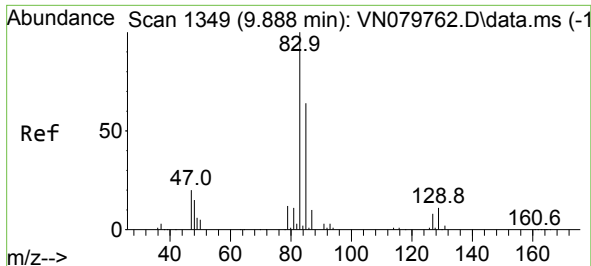
Tgt Ion: 63 Resp: 41898
Ion Ratio Lower Upper
63 100
65 32.3 23.9 35.9



#46
Dibromomethane
Concen: 10.292 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

Tgt Ion: 93 Resp: 28279
Ion Ratio Lower Upper
93 100
95 80.9 63.8 95.8
174 88.5 65.6 98.4





#47

Bromodichloromethane

Concen: 9.703 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN079767.D

Acq: 01 Nov 2023 12:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

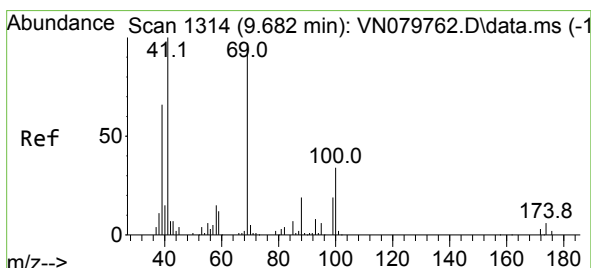
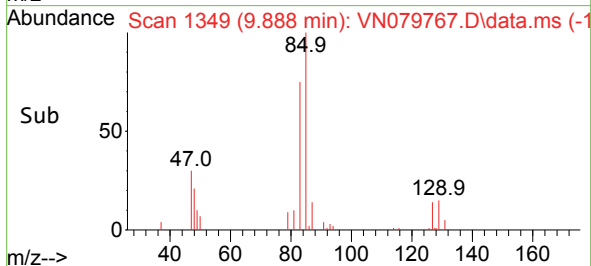
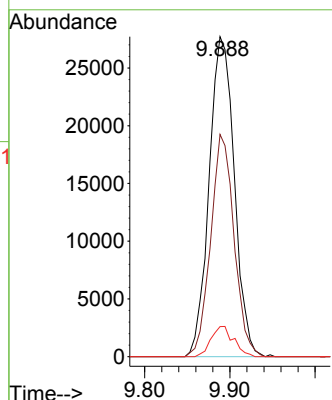
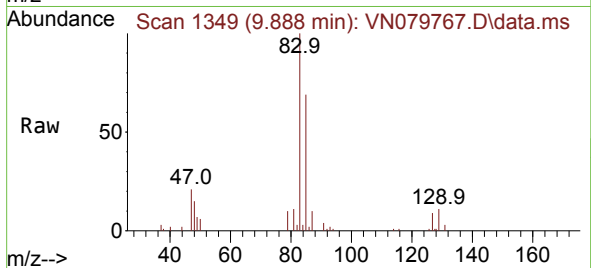
Tgt Ion: 83 Resp: 56861

Ion Ratio Lower Upper

83 100

85 69.4 49.6 74.4

127 9.4 7.0 10.6



#48

Methyl methacrylate

Concen: 9.460 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.006 min

Lab File: VN079767.D

Acq: 01 Nov 2023 12:50

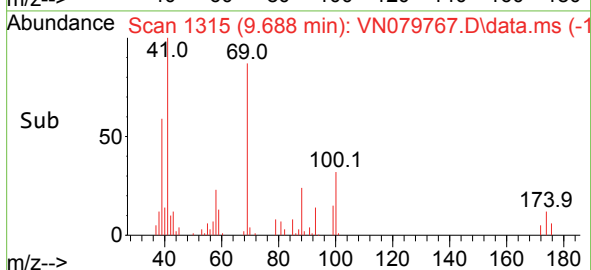
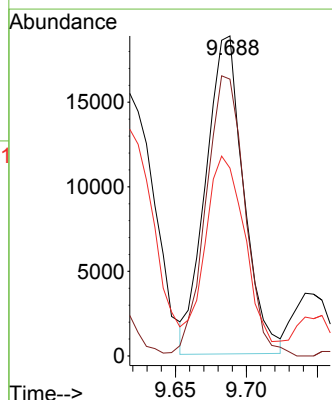
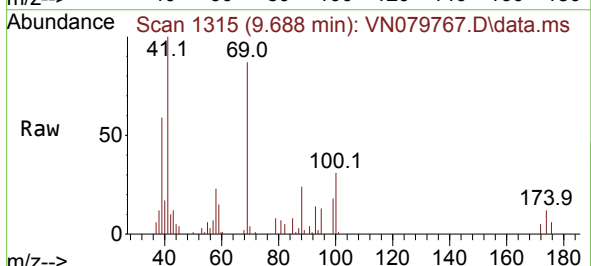
Tgt Ion: 41 Resp: 35037

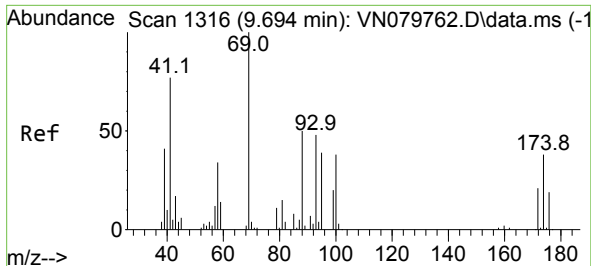
Ion Ratio Lower Upper

41 100

69 90.5 90.4 135.6

39 68.4 54.6 81.8





#49

1,4-Dioxane

Concen: 207.143 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN079767.D

Acq: 01 Nov 2023 12:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

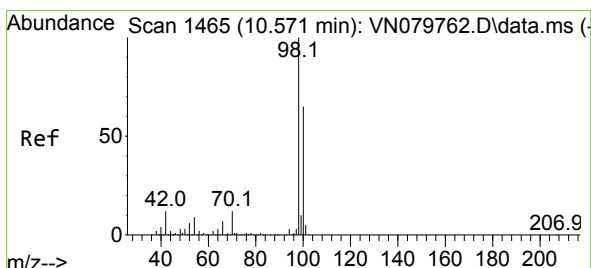
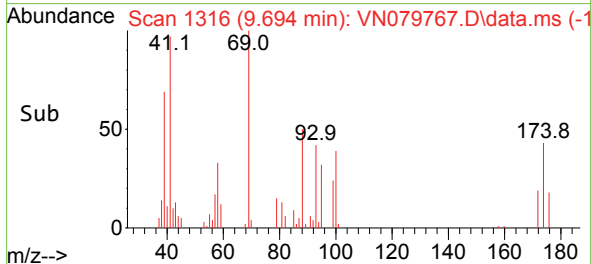
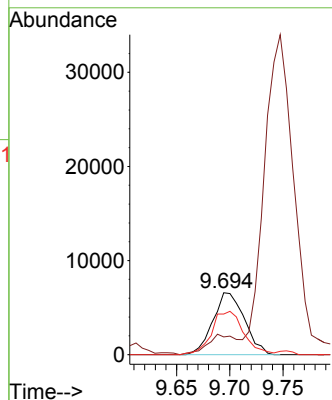
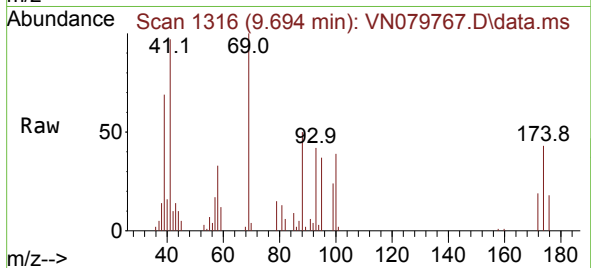
Tgt Ion: 88 Resp: 13556

Ion Ratio Lower Upper

88 100

43 32.5 17.0 25.6#

58 70.9 47.0 70.4#



#50

Toluene-d8

Concen: 9.341 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079767.D

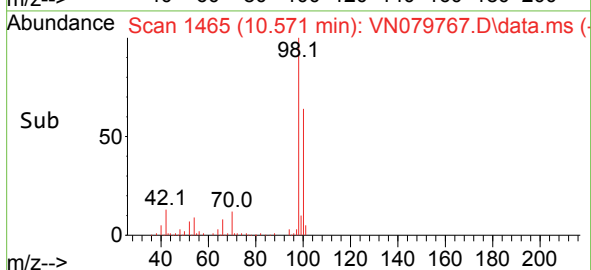
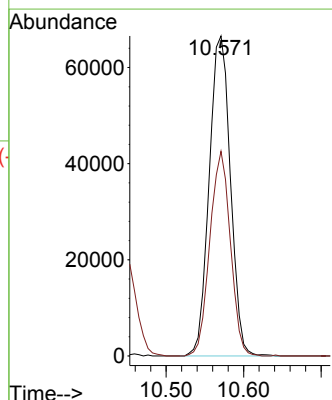
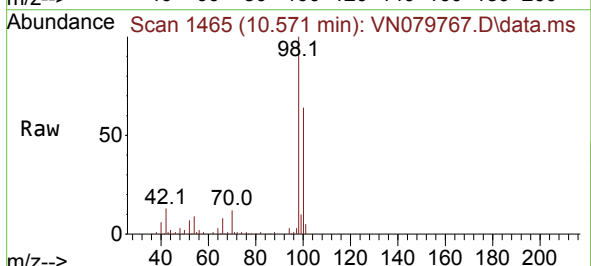
Acq: 01 Nov 2023 12:50

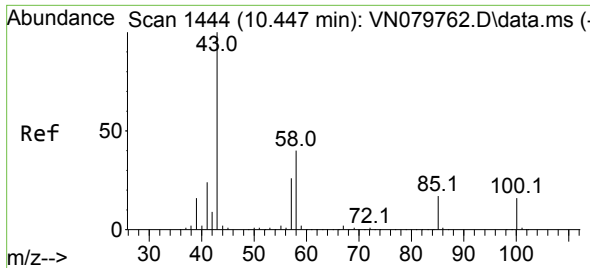
Tgt Ion: 98 Resp: 126619

Ion Ratio Lower Upper

98 100

100 61.8 52.0 78.0

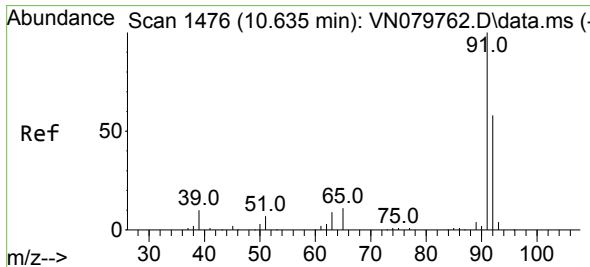
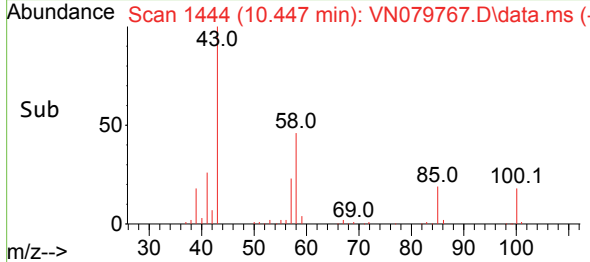
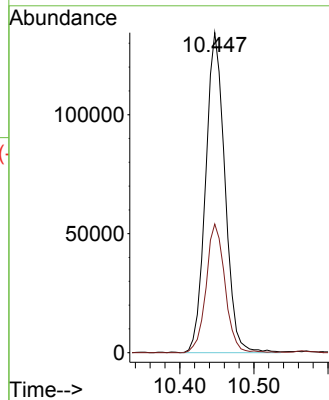
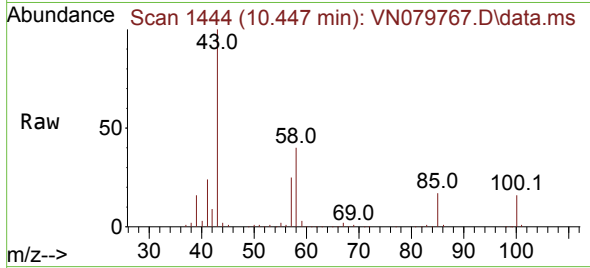




#51
4-Methyl-2-Pentanone
Concen: 51.077 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

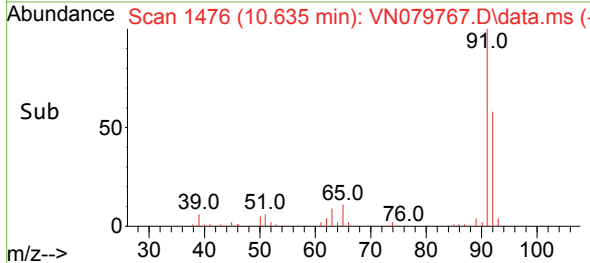
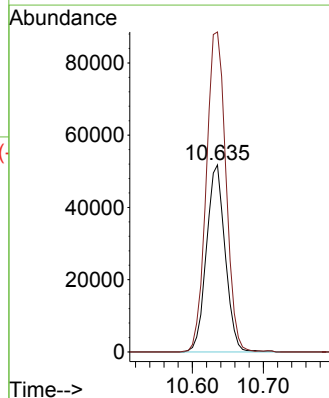
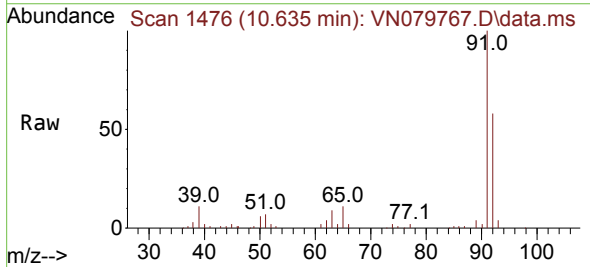
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

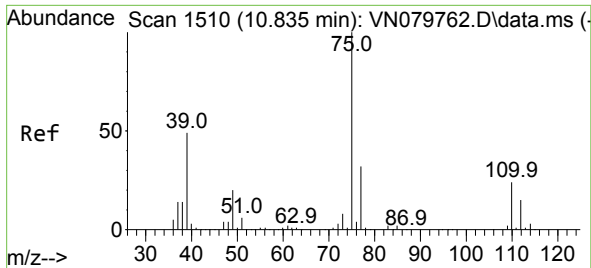
Tgt Ion: 43 Resp: 243146
Ion Ratio Lower Upper
43 100
58 39.5 36.6 54.8



#52
Toluene
Concen: 10.162 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

Tgt Ion: 92 Resp: 94865
Ion Ratio Lower Upper
92 100
91 179.2 137.4 206.0

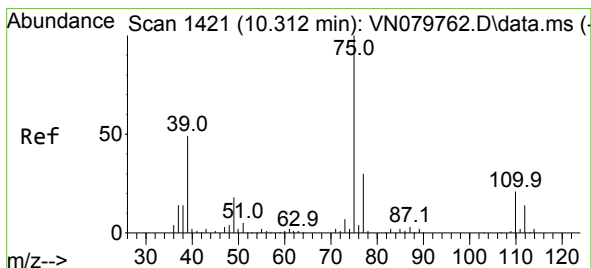
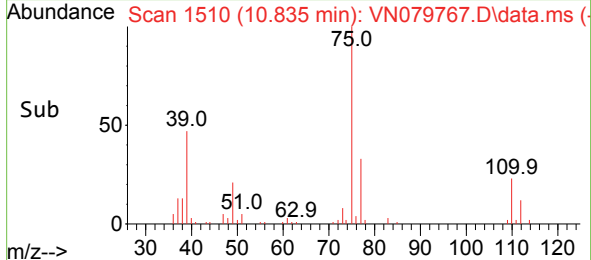
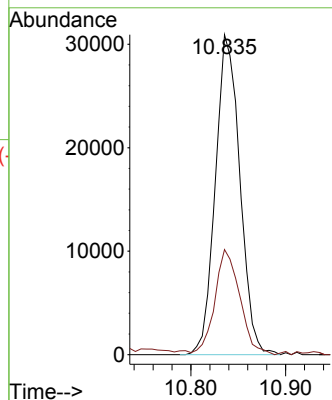
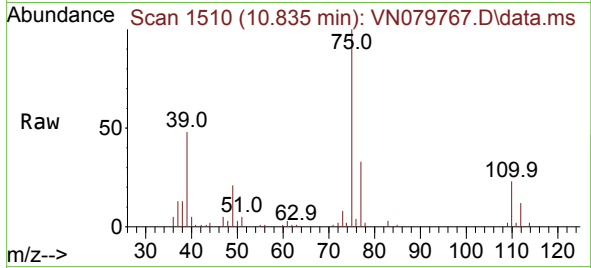




#53
 t-1,3-Dichloropropene
 Concen: 9.676 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.006 min
 Lab File: VN079767.D
 Acq: 01 Nov 2023 12:50

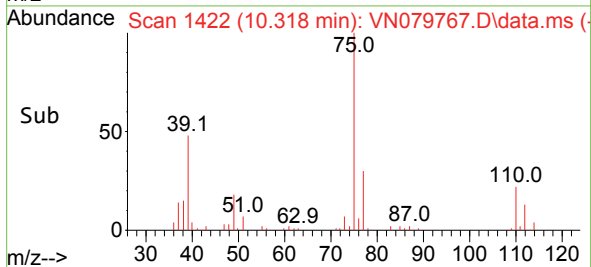
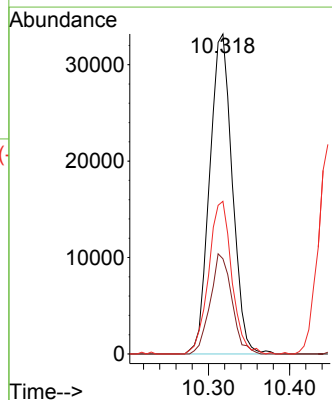
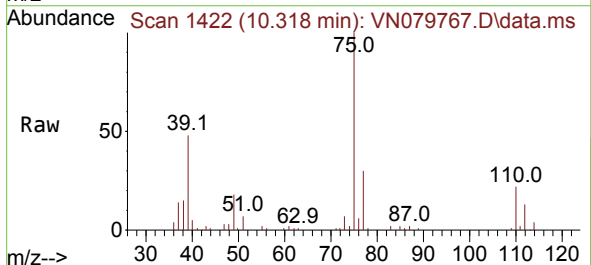
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

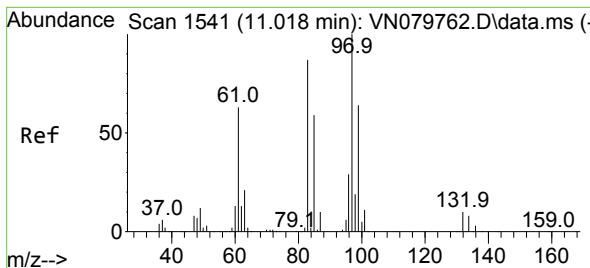
Tgt Ion: 75 Resp: 55582
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 10.269 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079767.D
 Acq: 01 Nov 2023 12:50

Tgt Ion: 75 Resp: 64299
 Ion Ratio Lower Upper
 75 100
 77 29.7 26.1 39.1
 39 47.7 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 9.952 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN079767.D

Acq: 01 Nov 2023 12:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 37368

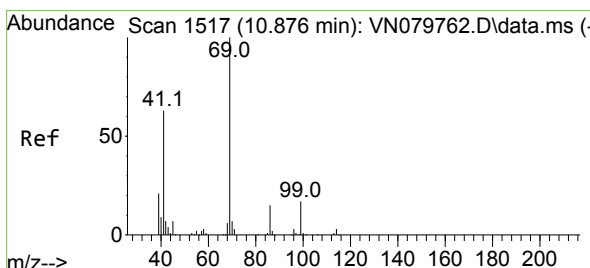
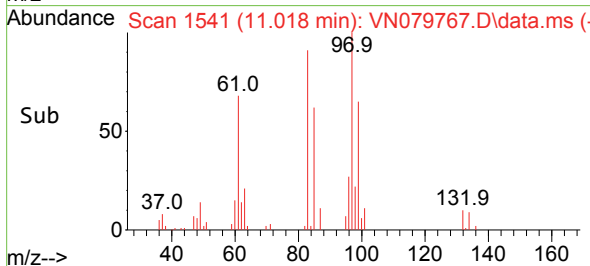
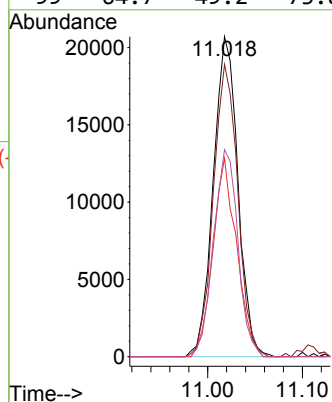
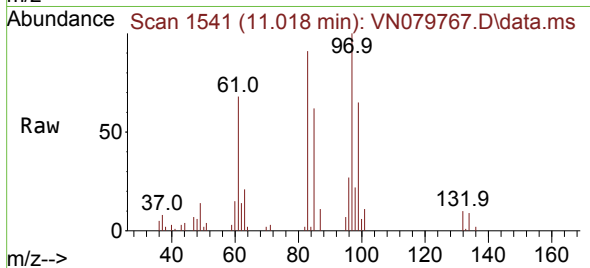
Ion Ratio Lower Upper

97 100

83 91.3 65.1 97.7

85 62.0 43.4 65.2

99 64.7 49.2 73.8



#56

Ethyl methacrylate

Concen: 9.826 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN079767.D

Acq: 01 Nov 2023 12:50

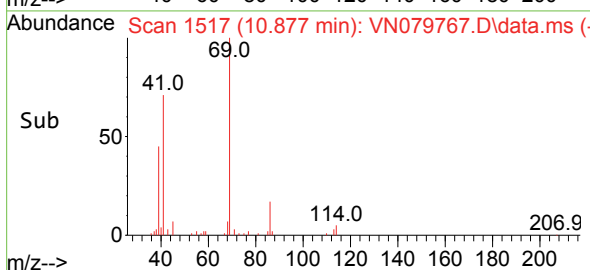
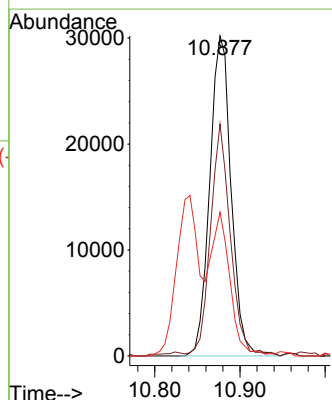
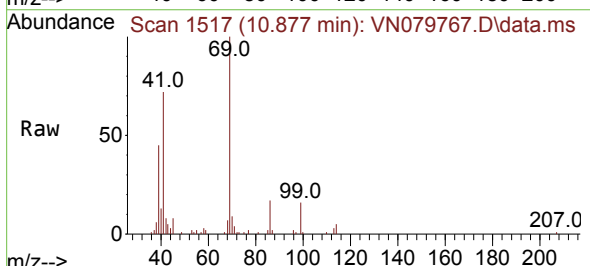
Tgt Ion: 69 Resp: 52623

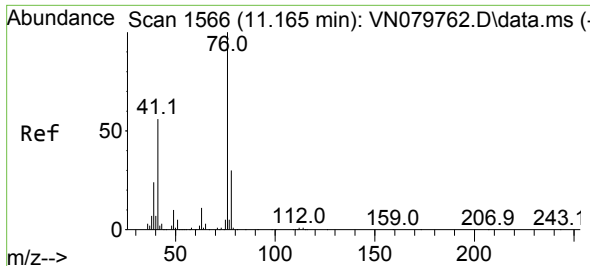
Ion Ratio Lower Upper

69 100

41 67.8 39.6 59.4#

39 38.7 28.6 43.0





#57

1,3-Dichloropropane

Concen: 10.068 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN079767.D

Acq: 01 Nov 2023 12:50

Instrument :

MSVOA_N

ClientSampleId :

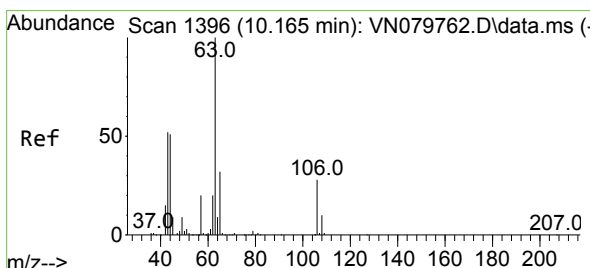
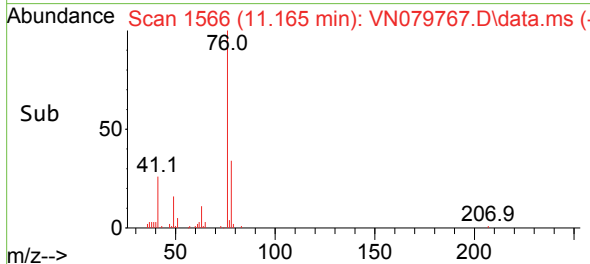
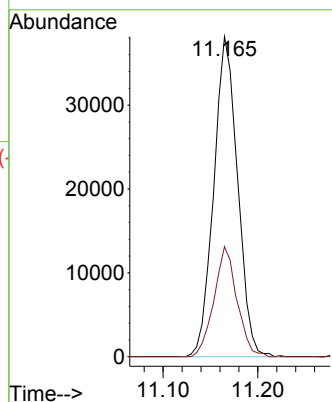
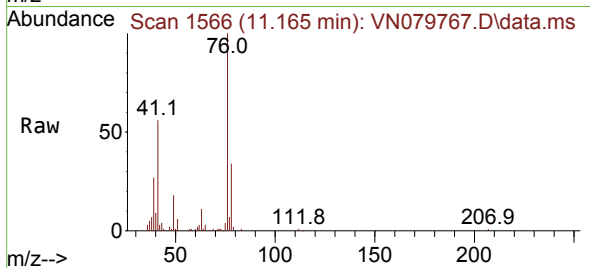
VSTDIC010

Tgt Ion: 76 Resp: 66634

Ion Ratio Lower Upper

76 100

78 33.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 48.789 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN079767.D

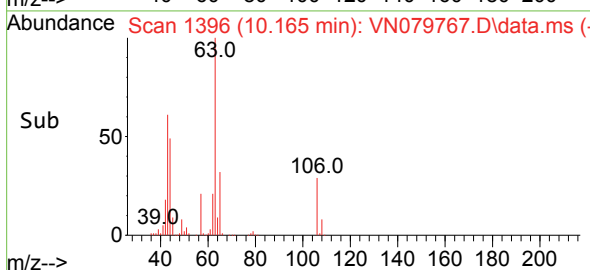
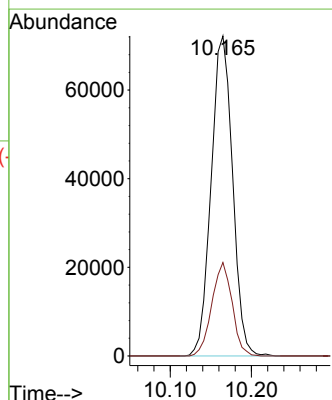
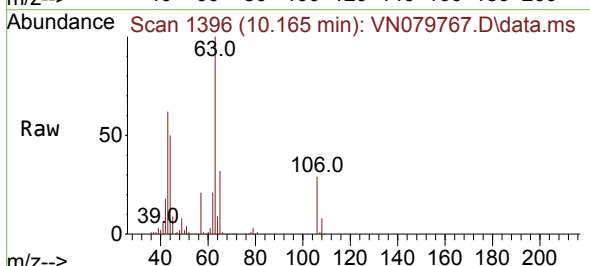
Acq: 01 Nov 2023 12:50

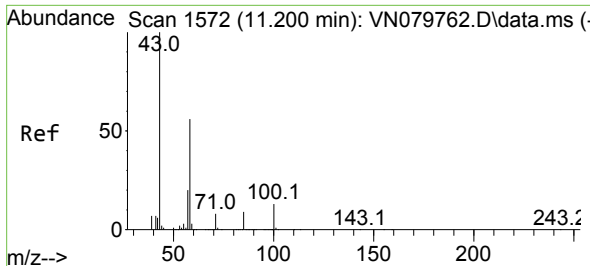
Tgt Ion: 63 Resp: 132437

Ion Ratio Lower Upper

63 100

106 27.6 26.2 39.4

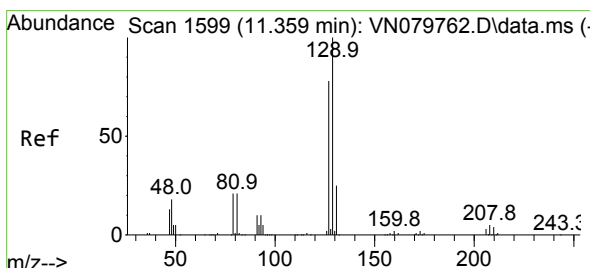
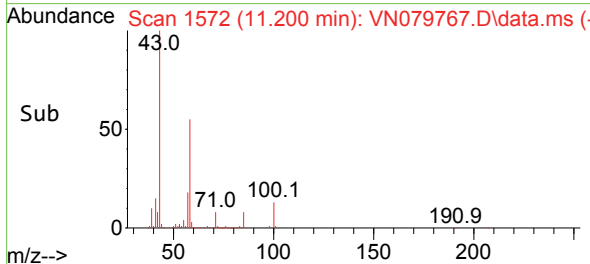
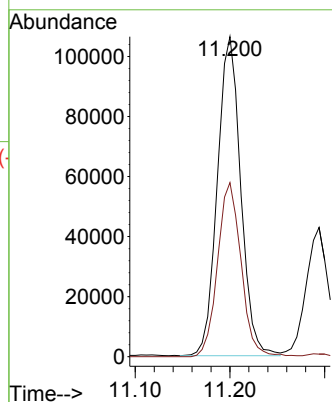
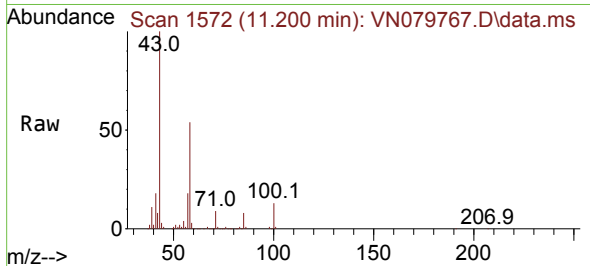




#59
2-Hexanone
Concen: 50.123 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

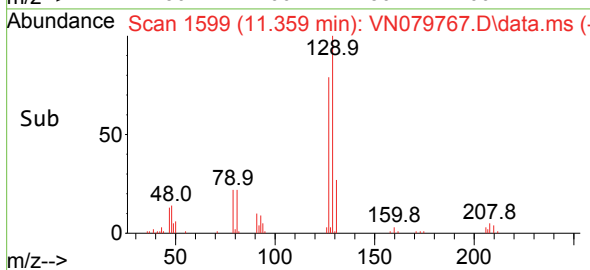
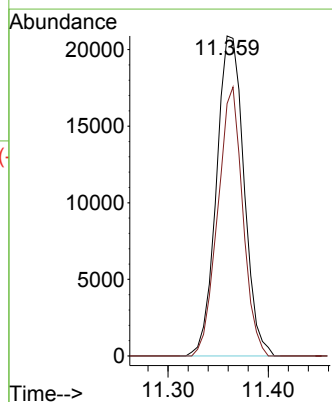
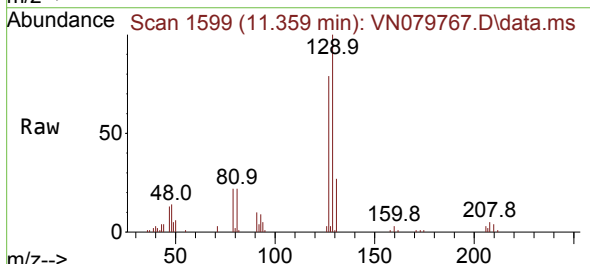
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

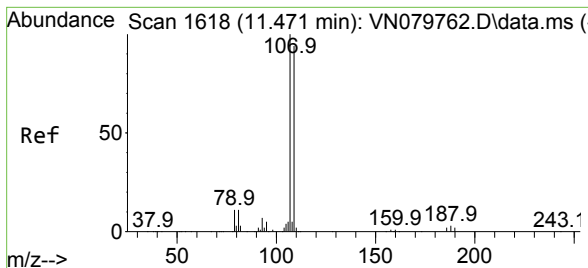
Tgt Ion: 43 Resp: 182534
Ion Ratio Lower Upper
43 100
58 54.9 31.7 95.1



#60
Dibromochloromethane
Concen: 9.882 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

Tgt Ion: 129 Resp: 39715
Ion Ratio Lower Upper
129 100
127 76.3 38.6 116.0

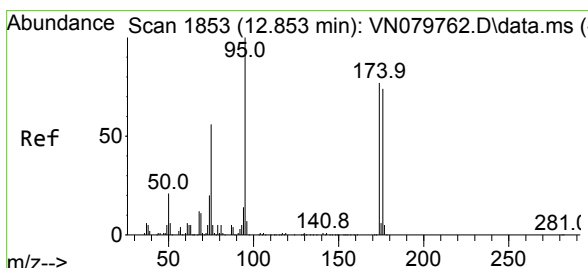
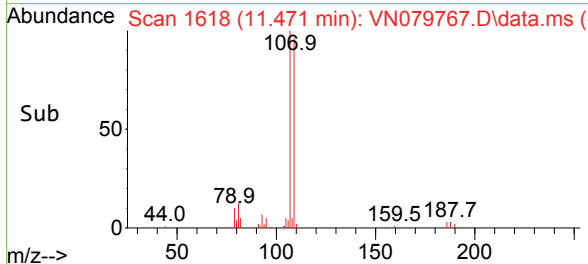
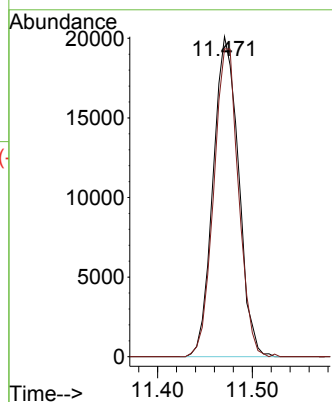
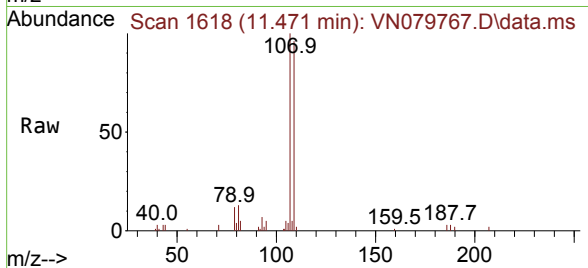




#61
1,2-Dibromoethane
Concen: 9.962 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

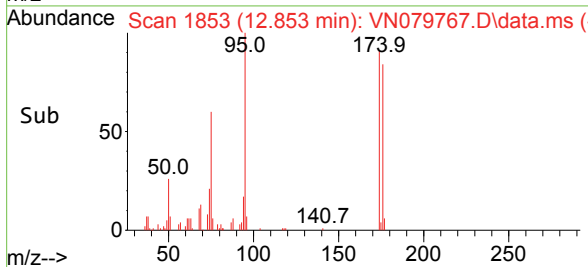
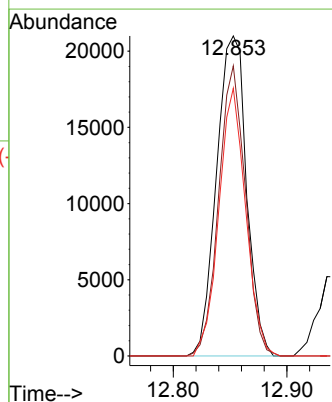
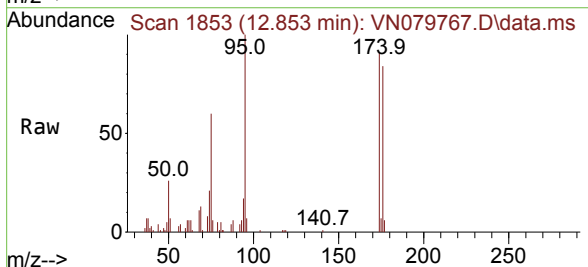
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

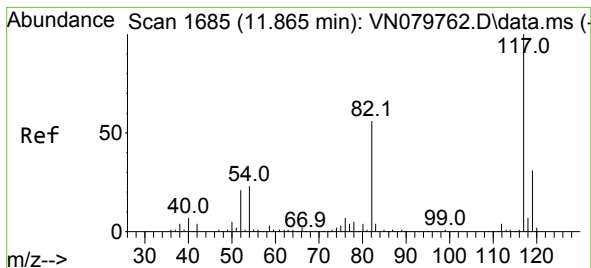
Tgt Ion:107 Resp: 37543
Ion Ratio Lower Upper
107 100
109 94.0 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 8.589 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

Tgt Ion: 95 Resp: 38612
Ion Ratio Lower Upper
95 100
174 80.6 0.0 143.8
176 74.8 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079767.D

Acq: 01 Nov 2023 12:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

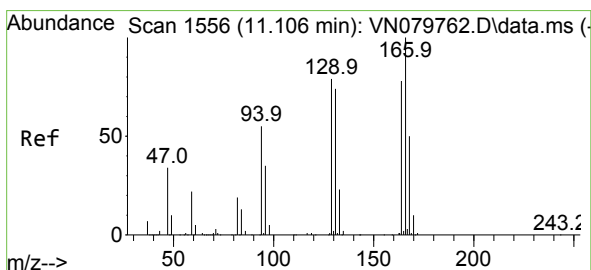
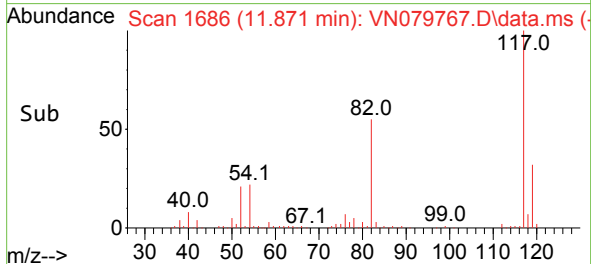
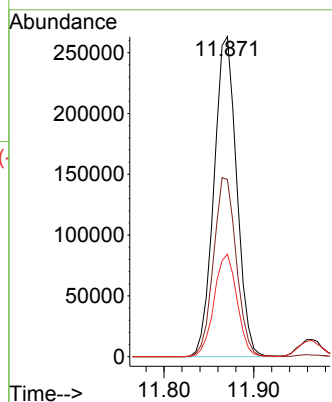
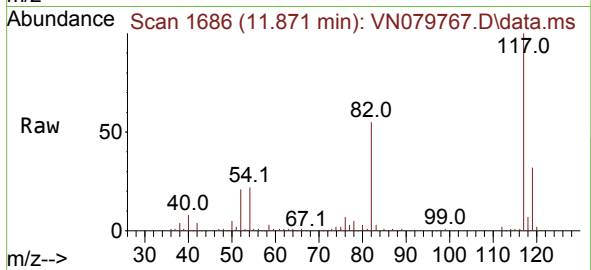
Tgt Ion:117 Resp: 463323

Ion Ratio Lower Upper

117 100

82 55.4 44.0 66.0

119 32.1 25.6 38.4



#64

Tetrachloroethene

Concen: 10.277 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN079767.D

Acq: 01 Nov 2023 12:50

Tgt Ion:164 Resp: 30838

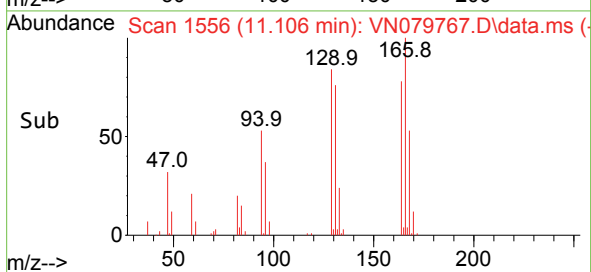
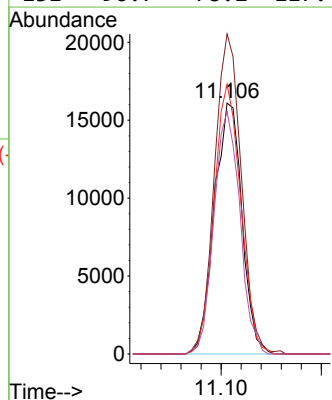
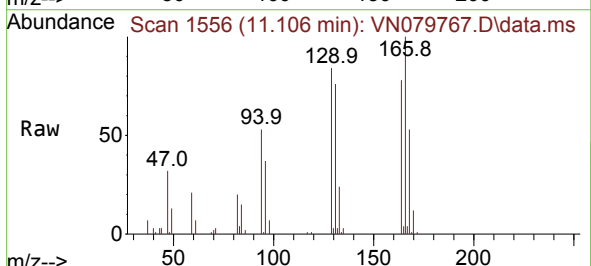
Ion Ratio Lower Upper

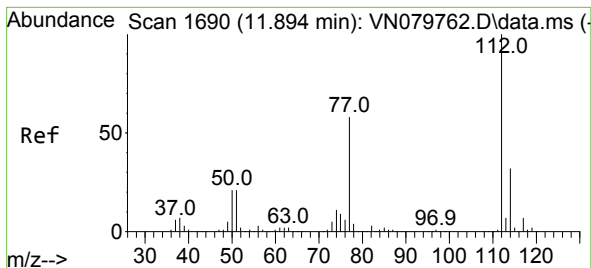
164 100

166 127.6 101.4 152.0

129 107.5 82.4 123.6

131 96.7 78.2 117.4





#65

Chlorobenzene

Concen: 10.042 ug/l

RT: 11.894 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079767.D

Acq: 01 Nov 2023 12:50

Instrument :

MSVOA_N

ClientSampleId :

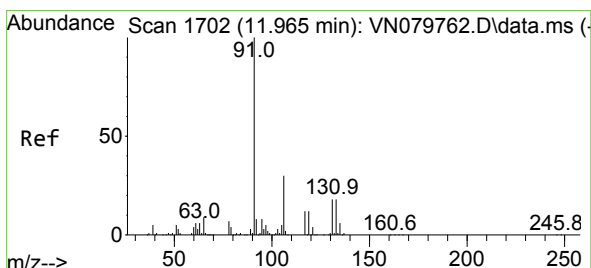
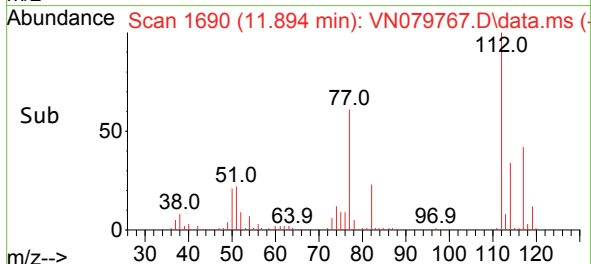
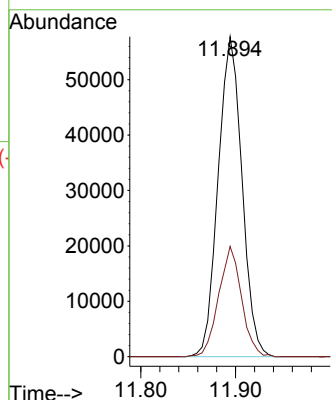
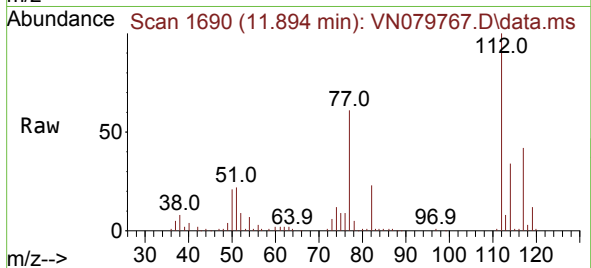
VSTDIC010

Tgt Ion:112 Resp: 100926

Ion Ratio Lower Upper

112 100

114 34.5 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 9.987 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN079767.D

Acq: 01 Nov 2023 12:50

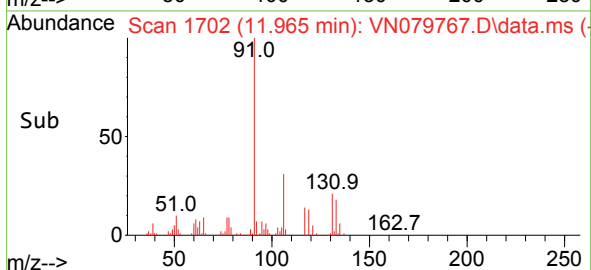
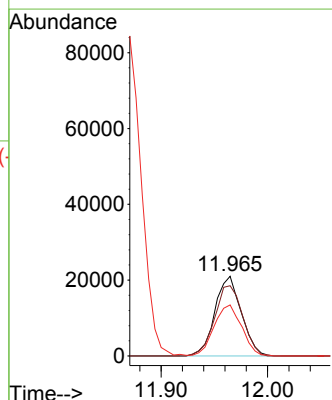
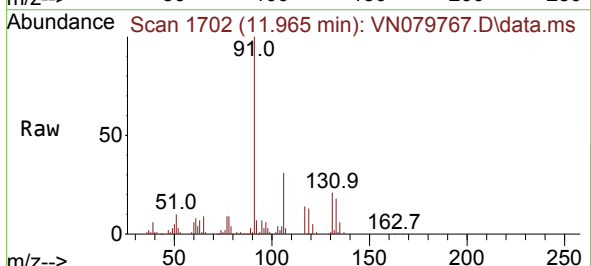
Tgt Ion:131 Resp: 36163

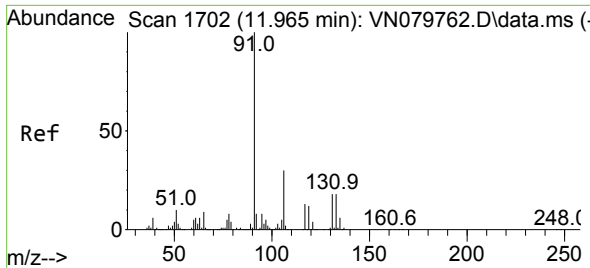
Ion Ratio Lower Upper

131 100

133 93.8 46.4 139.1

119 66.9 34.1 102.2

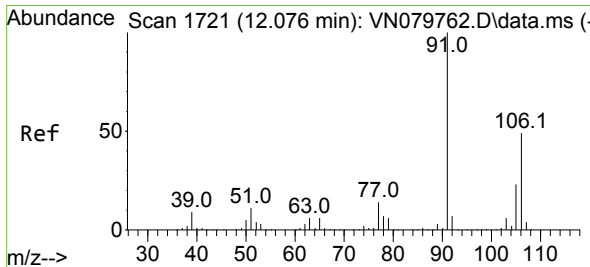
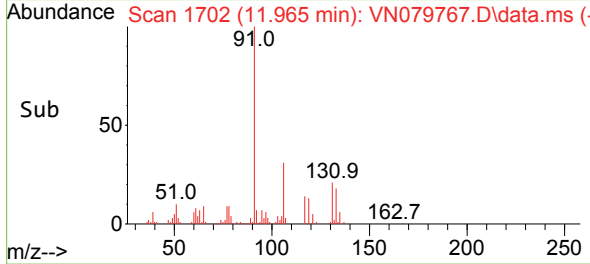
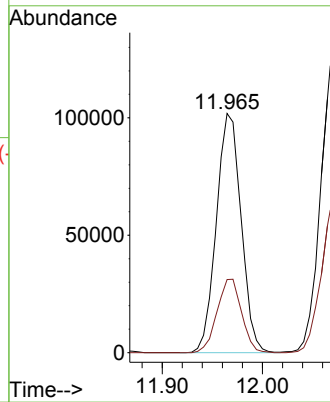
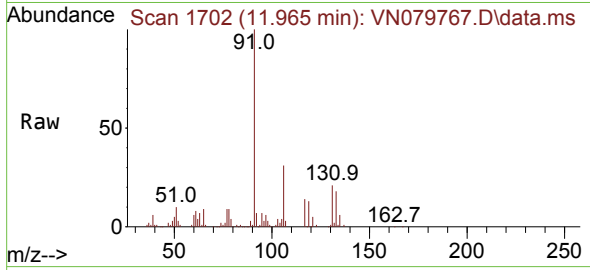




#67
Ethyl Benzene
Concen: 9.987 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

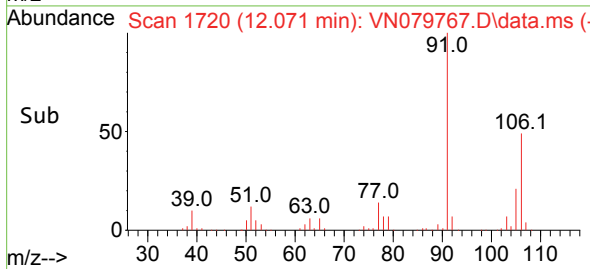
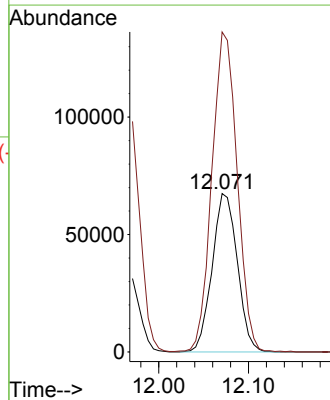
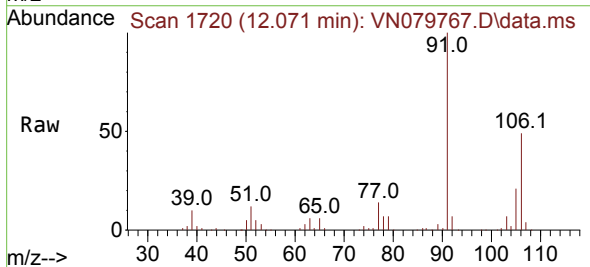
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

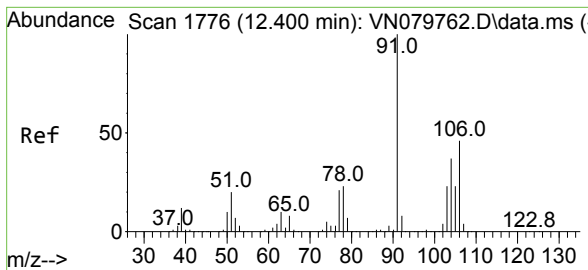
Tgt Ion: 91 Resp: 174883
Ion Ratio Lower Upper
91 100
106 30.6 25.6 38.4



#68
m/p-Xylenes
Concen: 20.123 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

Tgt Ion: 106 Resp: 131260
Ion Ratio Lower Upper
106 100
91 203.2 159.6 239.4

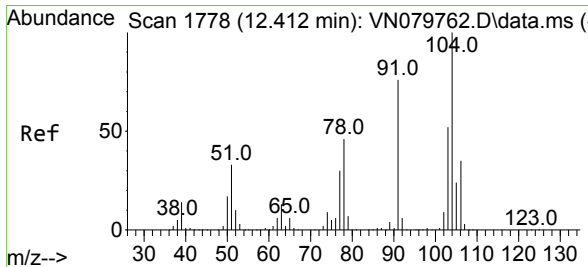
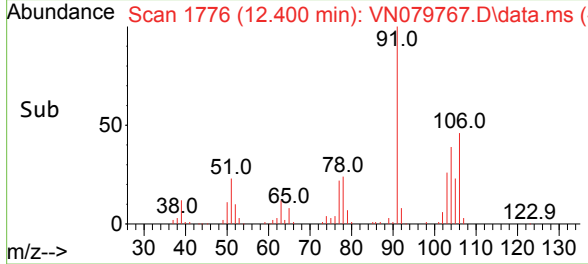
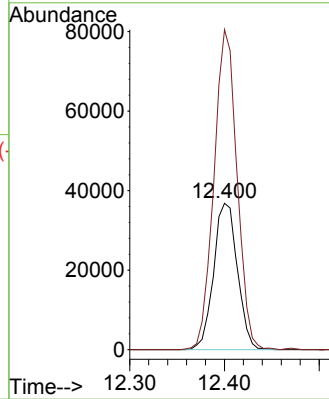
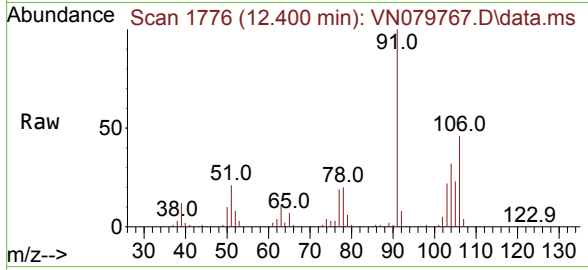




#69
o-Xylene
Concen: 10.222 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

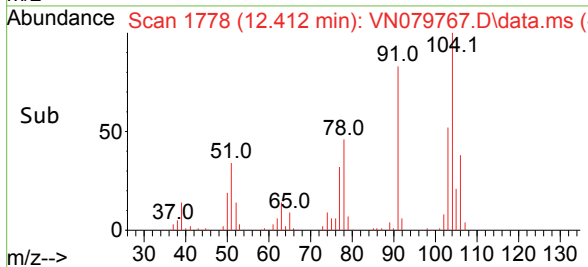
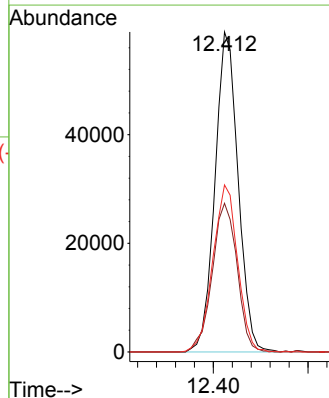
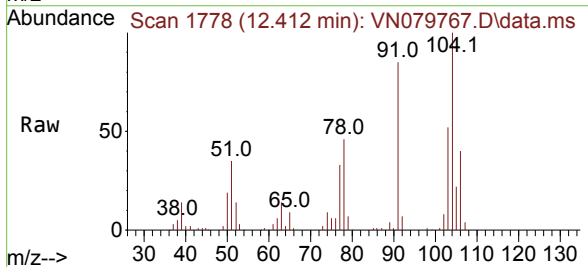
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

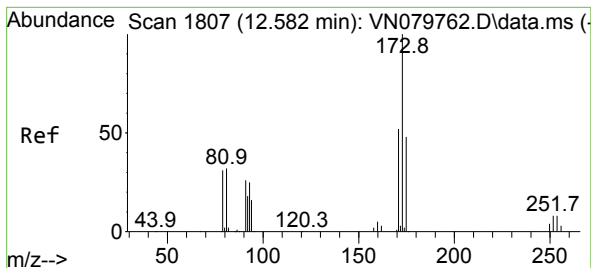
Tgt Ion:106 Resp: 64204
Ion Ratio Lower Upper
106 100
91 212.2 105.2 315.5



#70
Styrene
Concen: 9.896 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

Tgt Ion:104 Resp: 99899
Ion Ratio Lower Upper
104 100
78 49.9 39.5 59.3
103 55.8 43.2 64.8





#71

Bromoform

Concen: 9.781 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079767.D

Acq: 01 Nov 2023 12:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

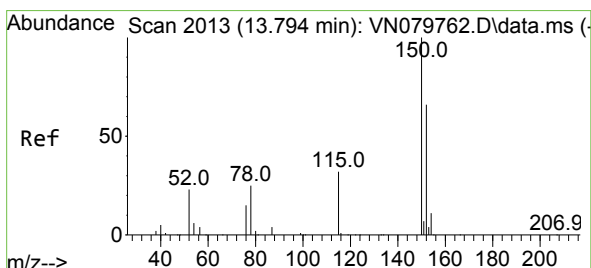
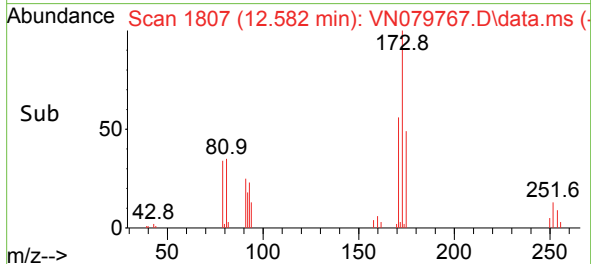
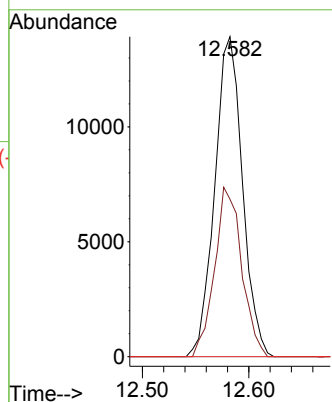
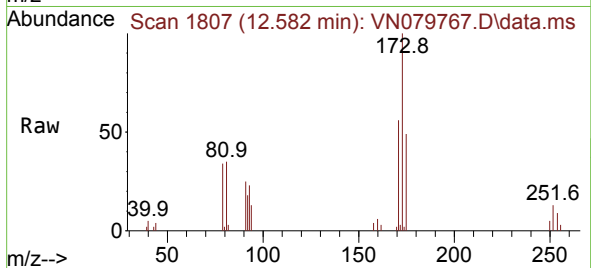
Tgt Ion:173 Resp: 25149

Ion Ratio Lower Upper

173 100

175 51.7 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN079767.D

Acq: 01 Nov 2023 12:50

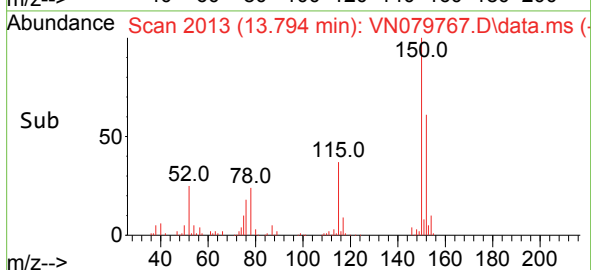
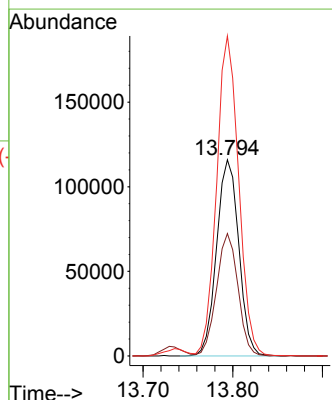
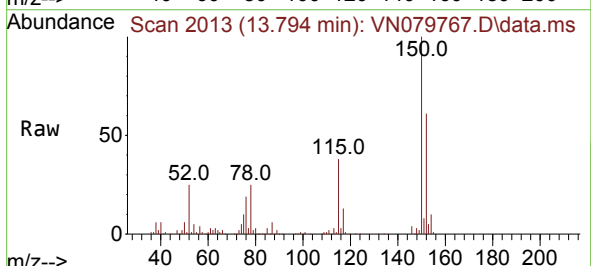
Tgt Ion:152 Resp: 199091

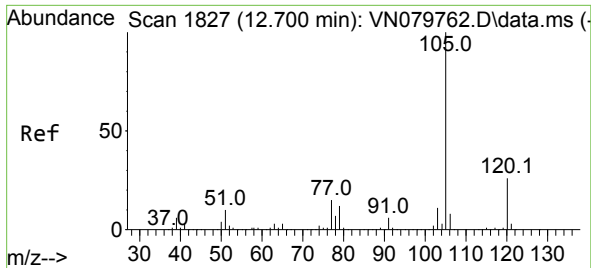
Ion Ratio Lower Upper

152 100

115 60.4 32.3 96.8

150 162.2 0.0 355.8

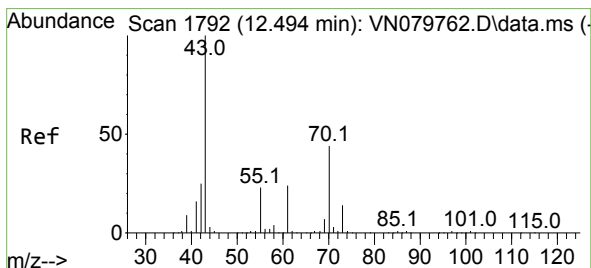
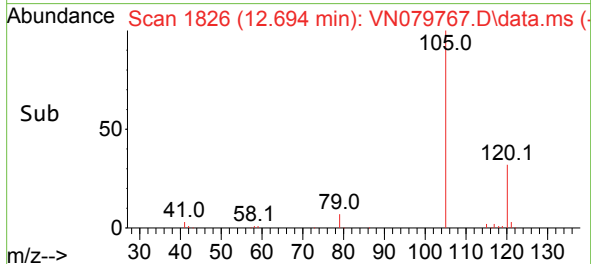
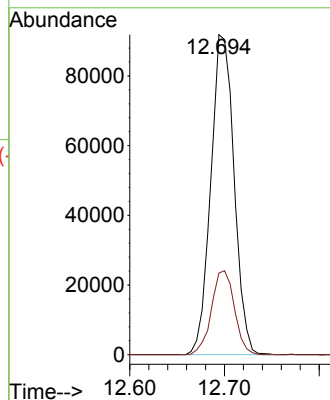
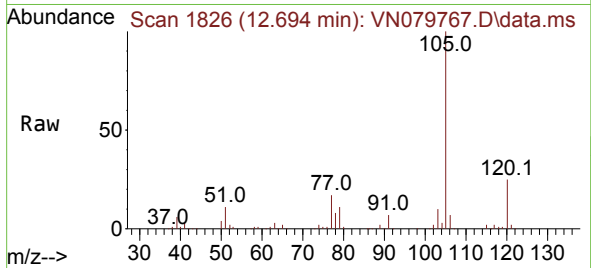




#73
Isopropylbenzene
Concen: 10.377 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

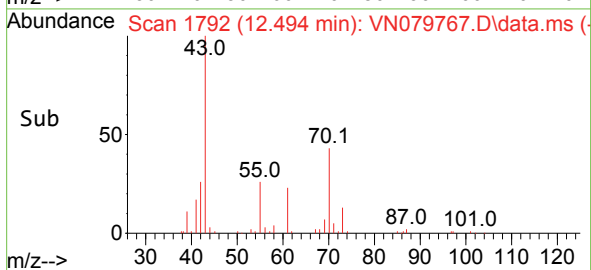
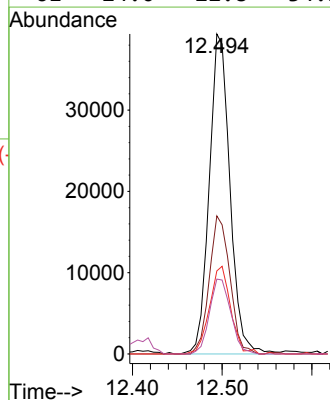
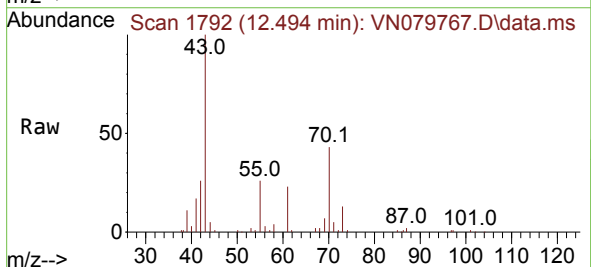
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

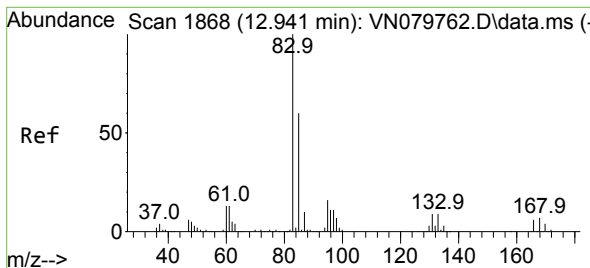
Tgt Ion:105 Resp: 156787
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.1



#74
N-ethyl acetate
Concen: 9.561 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

Tgt Ion: 43 Resp: 63057
Ion Ratio Lower Upper
43 100
70 43.0 43.4 65.2#
55 28.0 21.4 32.0
61 24.0 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 10.204 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN079767.D

Acq: 01 Nov 2023 12:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

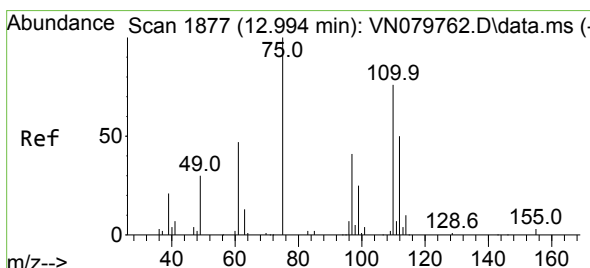
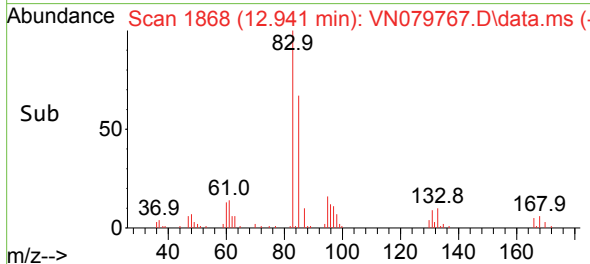
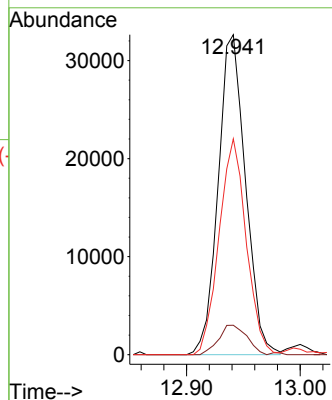
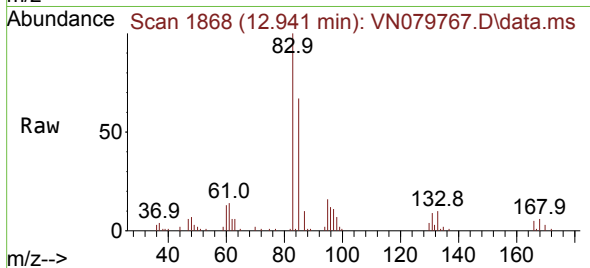
Tgt Ion: 83 Resp: 54665

Ion Ratio Lower Upper

83 100

131 9.5 5.0 15.0

85 66.9 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 14.396 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VN079767.D

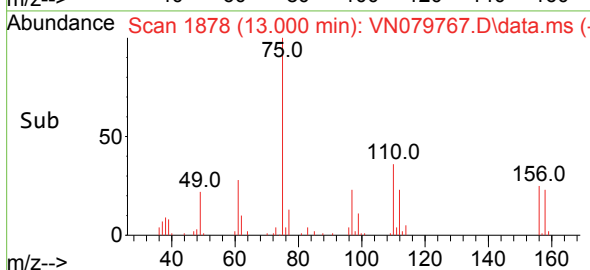
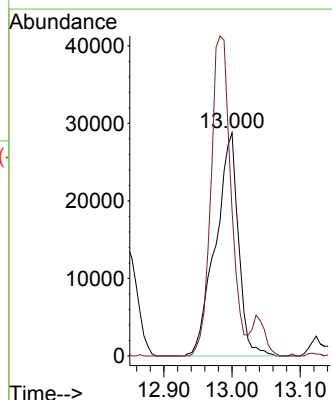
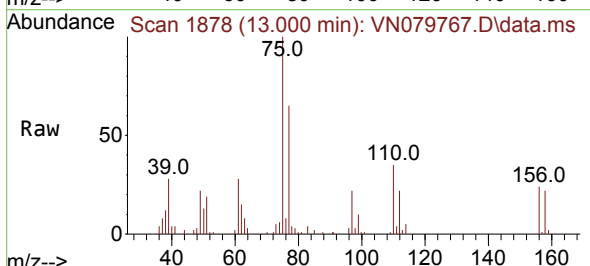
Acq: 01 Nov 2023 12:50

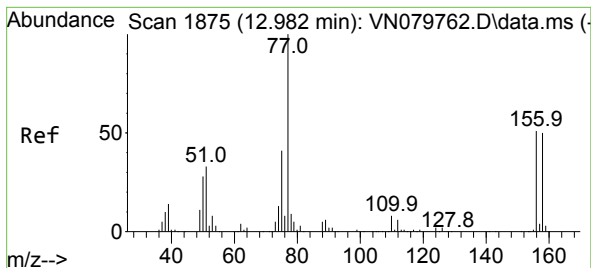
Tgt Ion: 75 Resp: 67202

Ion Ratio Lower Upper

75 100

77 125.9 84.5 253.5





#77

Bromobenzene

Concen: 10.236 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079767.D

Acq: 01 Nov 2023 12:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

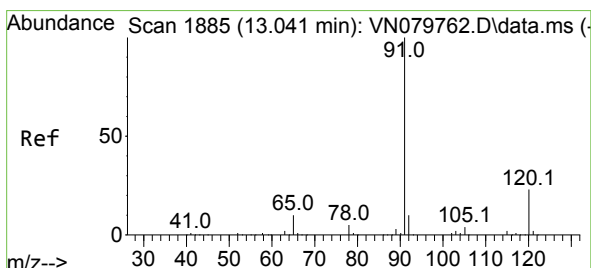
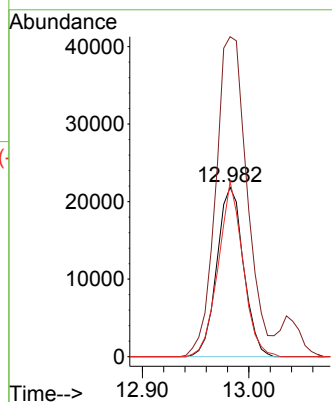
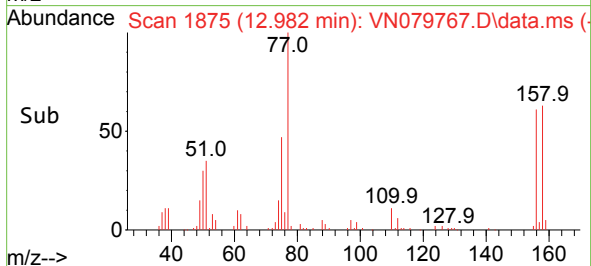
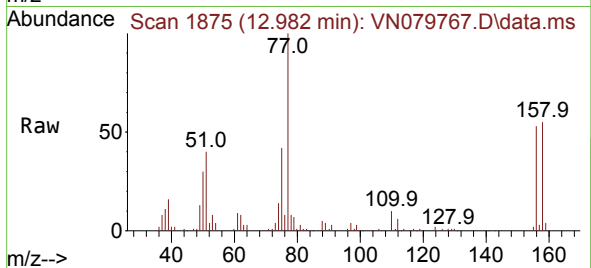
Tgt Ion:156 Resp: 37866

Ion Ratio Lower Upper

156 100

77 223.5 107.7 323.3

158 96.2 48.4 145.3



#78

n-propylbenzene

Concen: 10.366 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VN079767.D

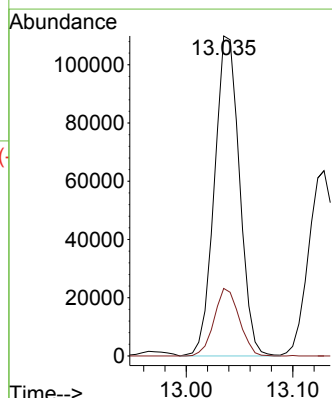
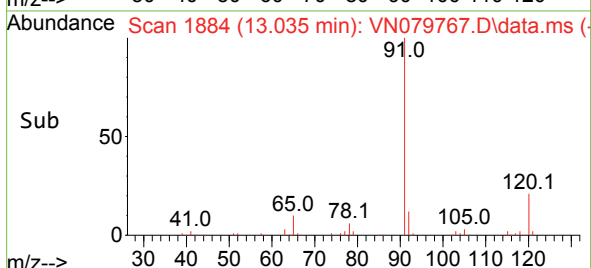
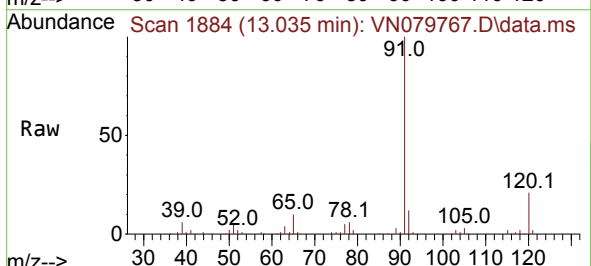
Acq: 01 Nov 2023 12:50

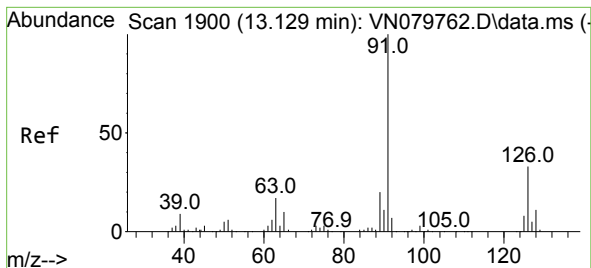
Tgt Ion: 91 Resp: 179371

Ion Ratio Lower Upper

91 100

120 21.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 10.225 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN079767.D

Acq: 01 Nov 2023 12:50

Instrument :

MSVOA_N

ClientSampleId :

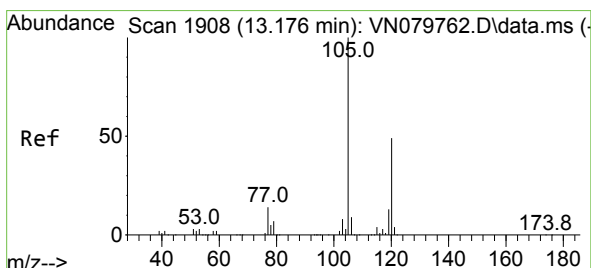
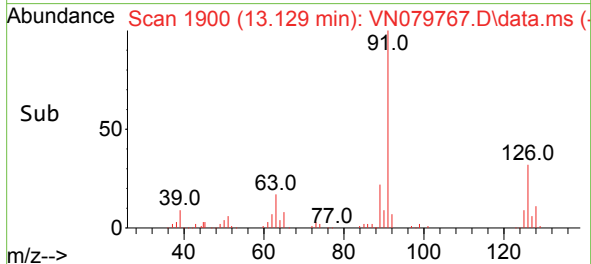
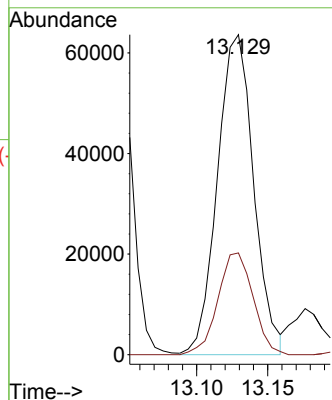
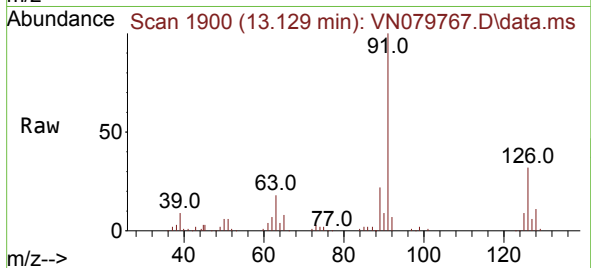
VSTDIC010

Tgt Ion: 91 Resp: 113024

Ion Ratio Lower Upper

91 100

126 30.8 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 10.367 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079767.D

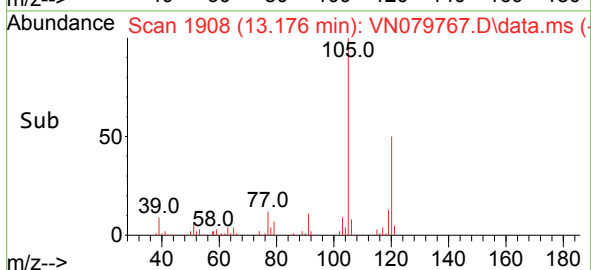
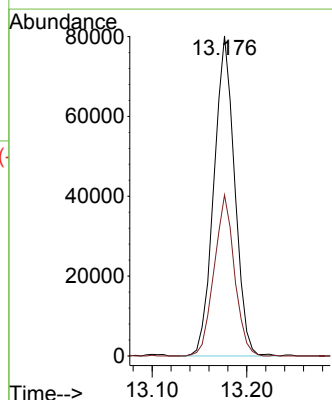
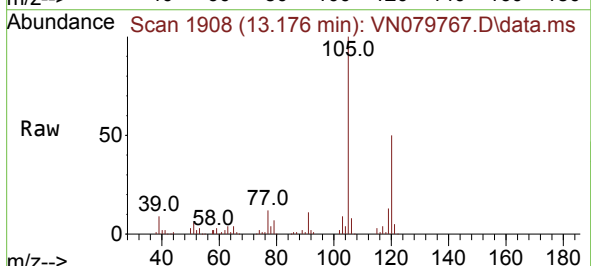
Acq: 01 Nov 2023 12:50

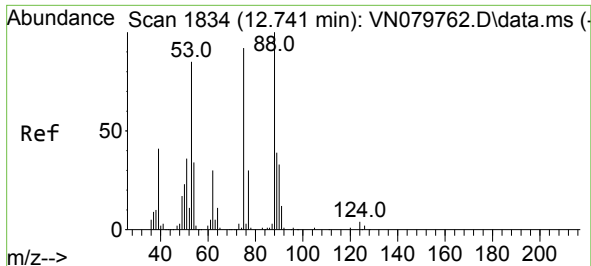
Tgt Ion: 105 Resp: 121877

Ion Ratio Lower Upper

105 100

120 49.4 24.1 72.3

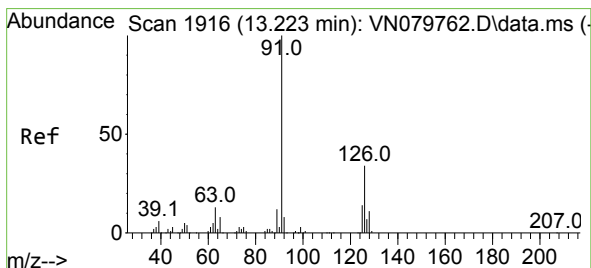
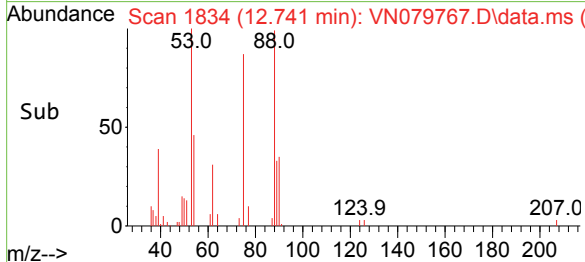
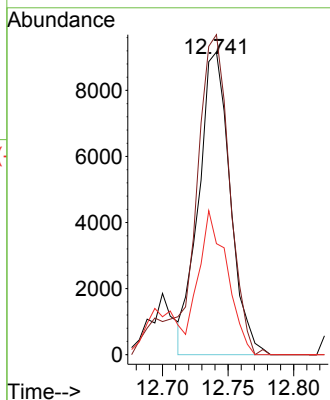
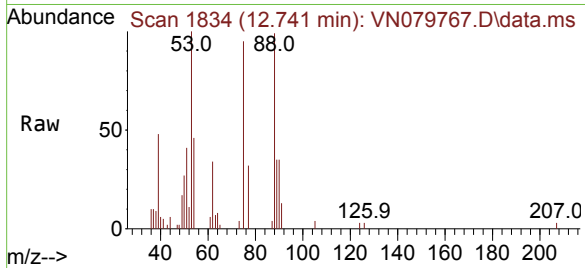




#81
trans-1,4-Dichloro-2-butene
Concen: 8.906 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

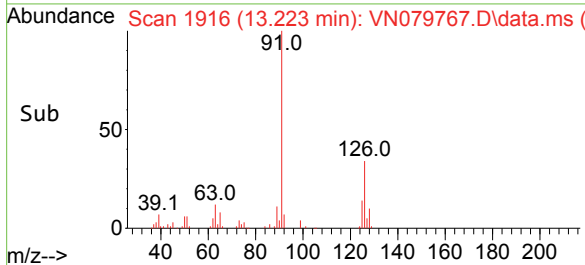
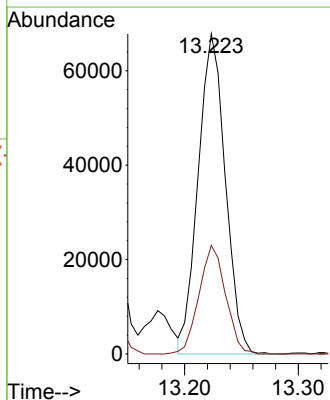
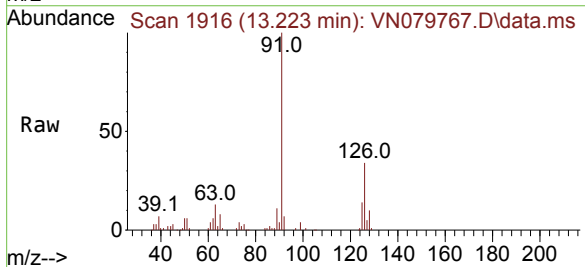
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

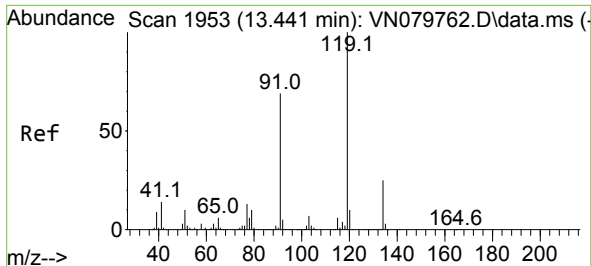
Tgt Ion: 75 Resp: 15299
Ion Ratio Lower Upper
75 100
53 118.6 67.4 101.2#
89 42.8 38.8 58.2



#82
4-Chlorotoluene
Concen: 10.232 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

Tgt Ion: 91 Resp: 112395
Ion Ratio Lower Upper
91 100
126 33.2 16.7 50.0

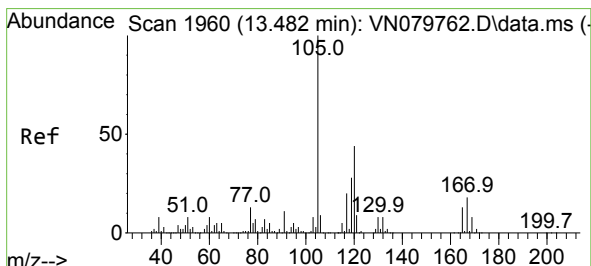
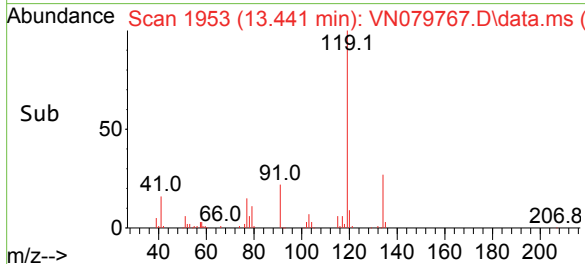
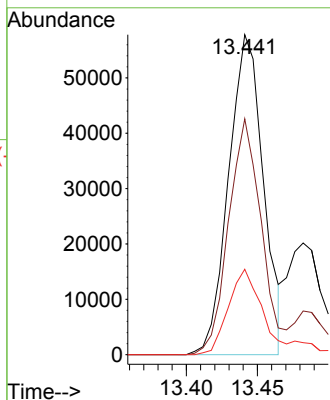
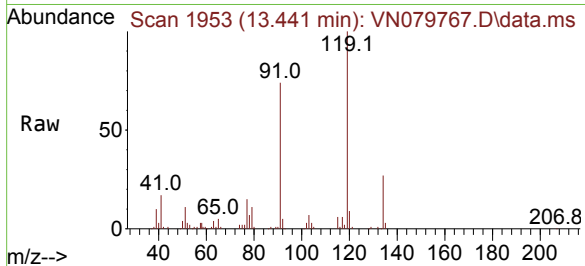




#83
tert-Butylbenzene
Concen: 10.209 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

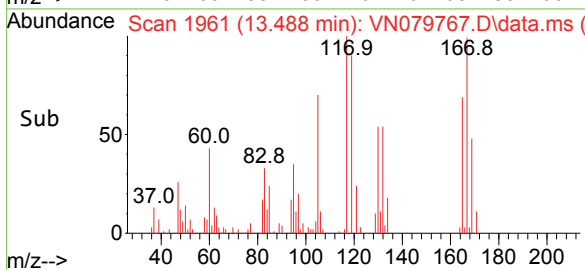
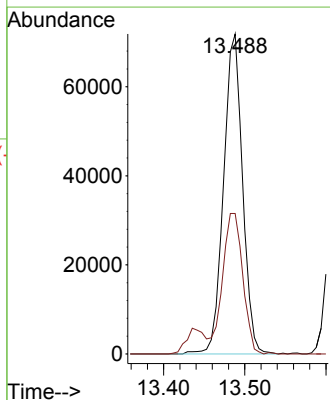
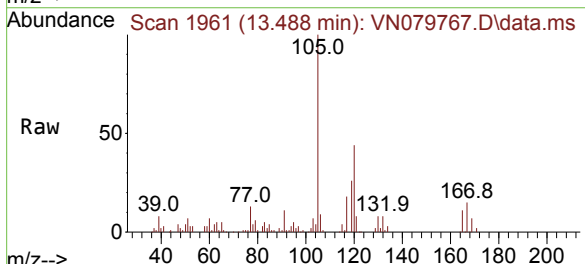
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

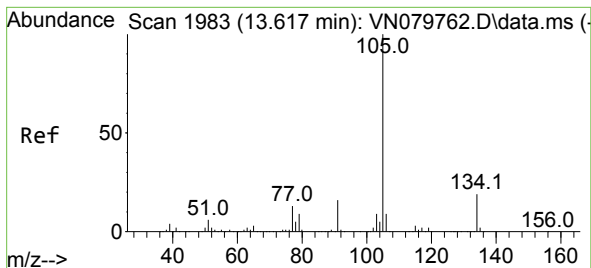
Tgt Ion:119 Resp: 98239
Ion Ratio Lower Upper
119 100
91 70.0 33.9 101.7
134 25.7 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 10.093 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

Tgt Ion:105 Resp: 116736
Ion Ratio Lower Upper
105 100
120 47.3 22.0 66.0





#85

sec-Butylbenzene

Concen: 10.263 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN079767.D

Acq: 01 Nov 2023 12:50

Instrument :

MSVOA_N

ClientSampleId :

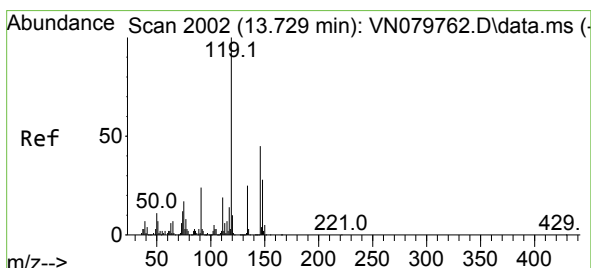
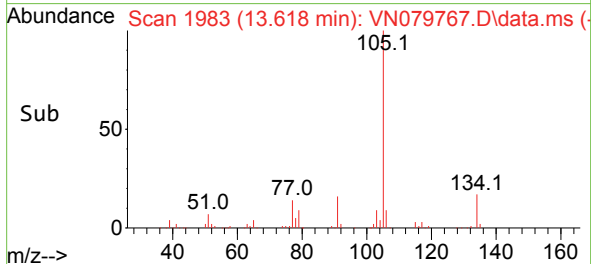
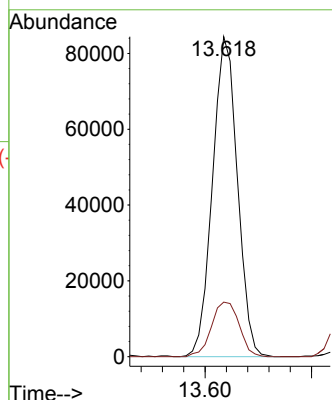
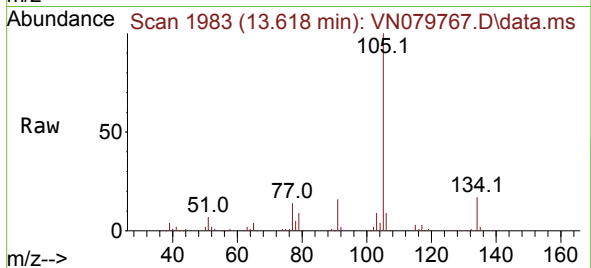
VSTDIC010

Tgt Ion:105 Resp: 136820

Ion Ratio Lower Upper

105 100

134 19.0 9.8 29.3



#86

p-Isopropyltoluene

Concen: 9.716 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN079767.D

Acq: 01 Nov 2023 12:50

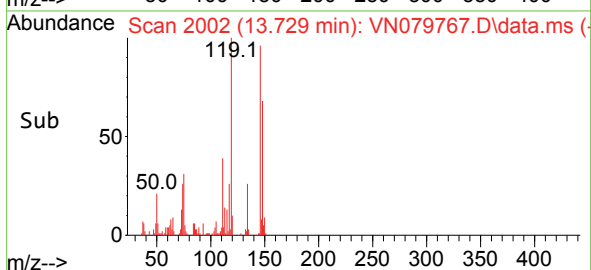
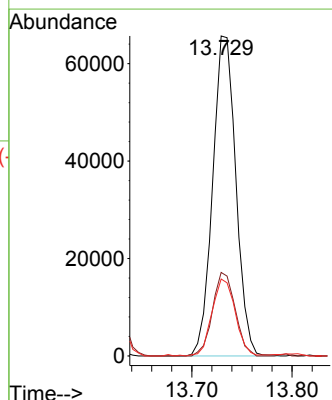
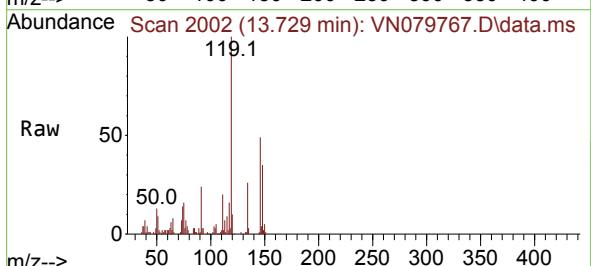
Tgt Ion:119 Resp: 105611

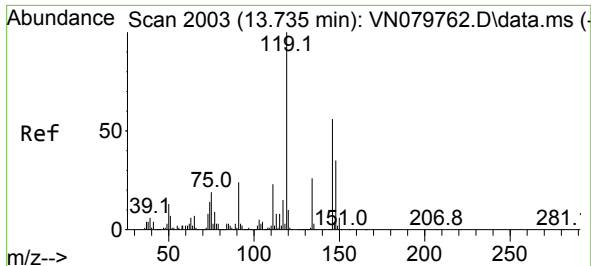
Ion Ratio Lower Upper

119 100

134 25.4 12.6 37.8

91 24.2 12.4 37.2

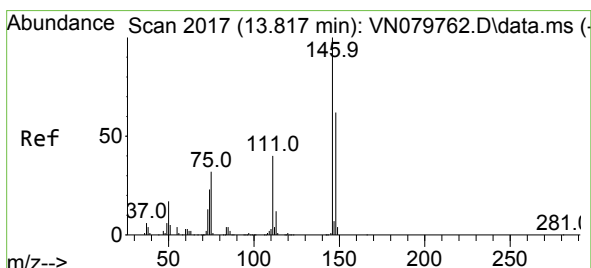
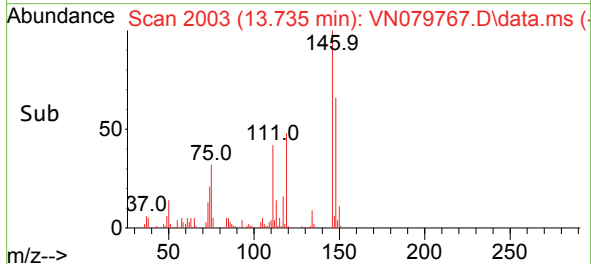
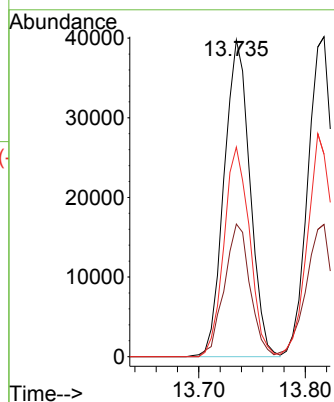
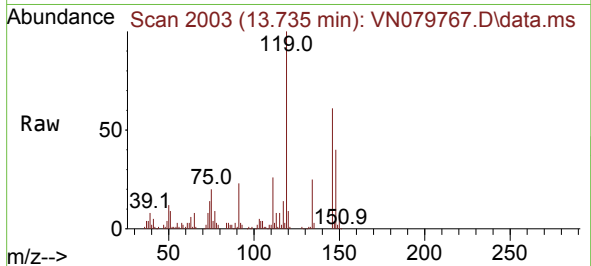




#87
1,3-Dichlorobenzene
Concen: 9.738 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

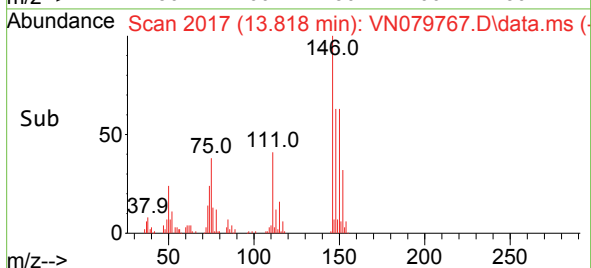
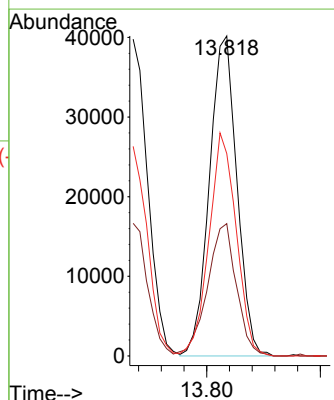
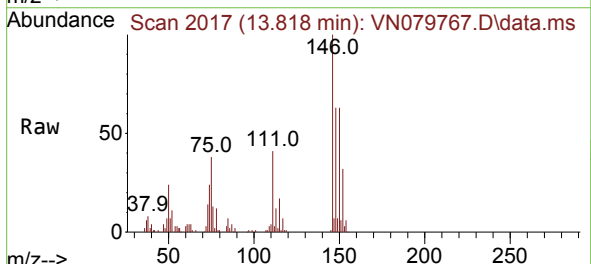
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

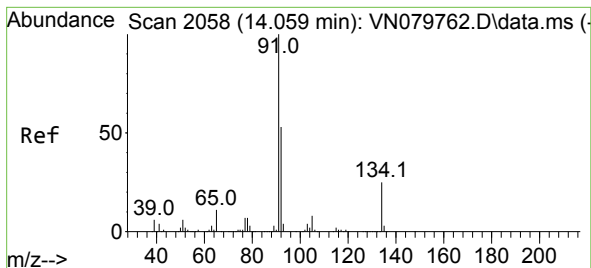
Tgt Ion:146 Resp: 67014
Ion Ratio Lower Upper
146 100
111 41.7 22.1 66.3
148 65.6 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 9.675 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079767.D
Acq: 01 Nov 2023 12:50

Tgt Ion:146 Resp: 67579
Ion Ratio Lower Upper
146 100
111 43.6 20.6 61.8
148 68.9 31.6 94.8





#89

n-Butylbenzene

Concen: 9.412 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN079767.D

Acq: 01 Nov 2023 12:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

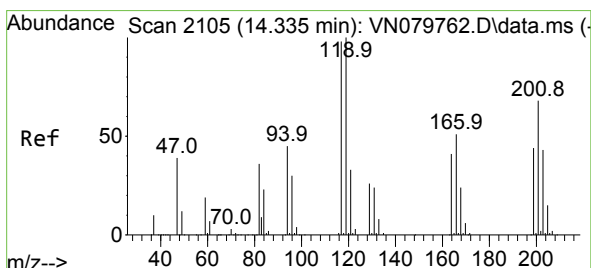
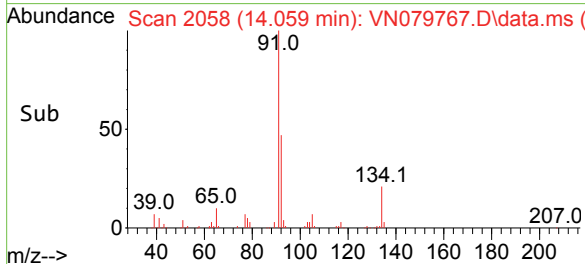
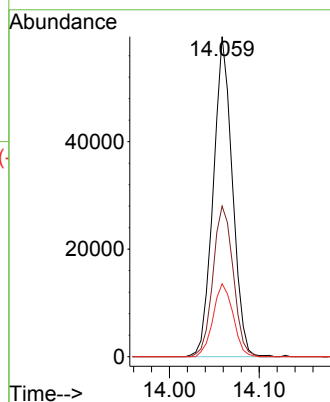
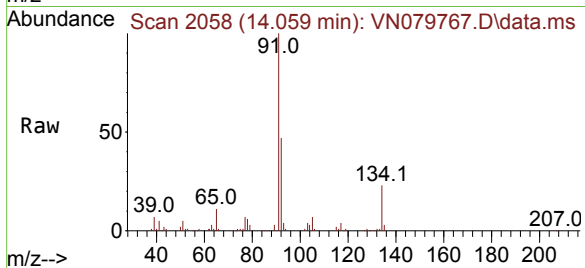
Tgt Ion: 91 Resp: 88115

Ion Ratio Lower Upper

91 100

92 49.8 26.4 79.0

134 23.8 12.6 37.6



#90

Hexachloroethane

Concen: 10.141 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. 0.006 min

Lab File: VN079767.D

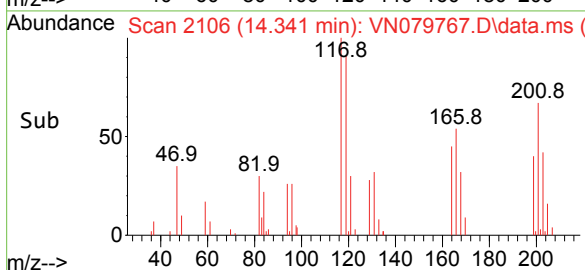
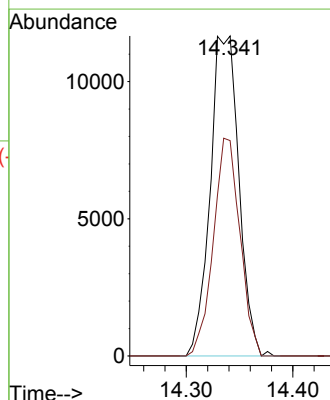
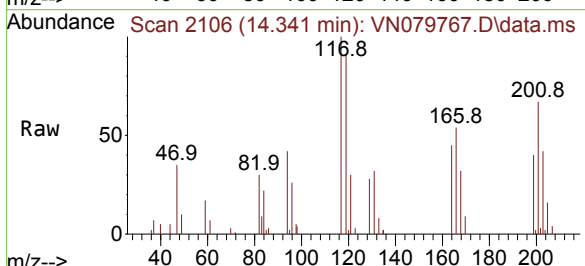
Acq: 01 Nov 2023 12:50

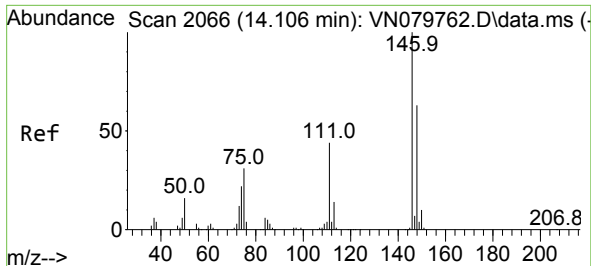
Tgt Ion: 117 Resp: 21830

Ion Ratio Lower Upper

117 100

201 63.1 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 9.955 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN079767.D

Acq: 01 Nov 2023 12:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

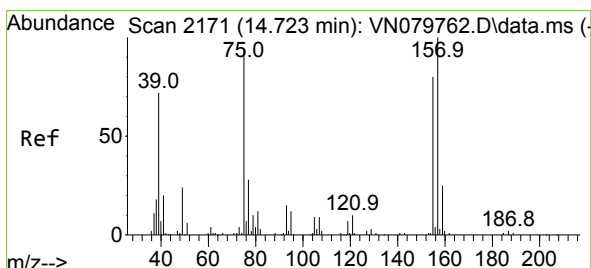
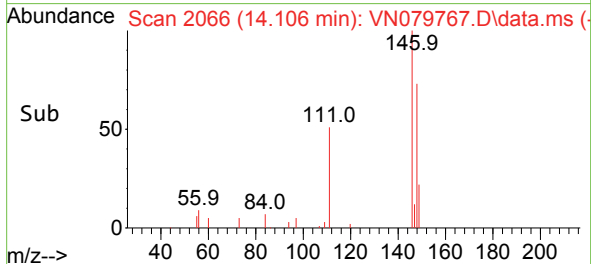
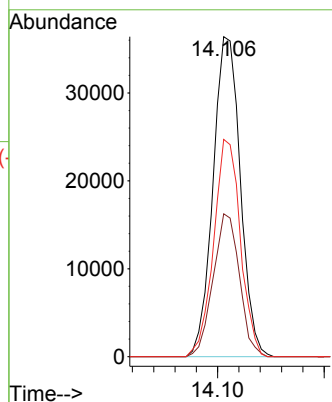
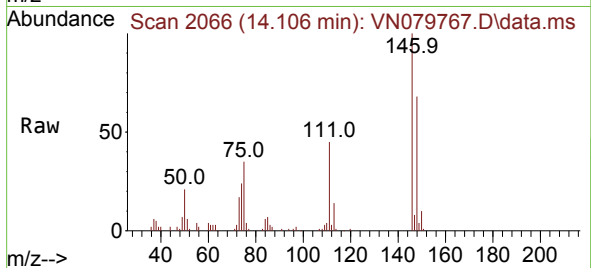
Tgt Ion:146 Resp: 64672

Ion Ratio Lower Upper

146 100

111 43.0 22.0 66.0

148 66.4 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 9.668 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN079767.D

Acq: 01 Nov 2023 12:50

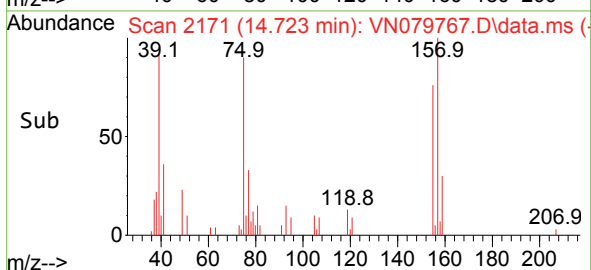
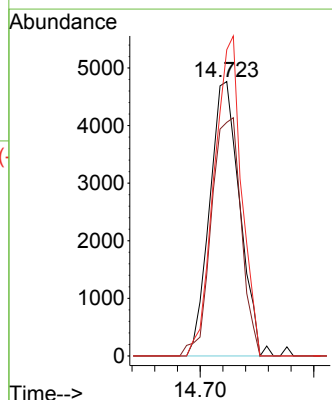
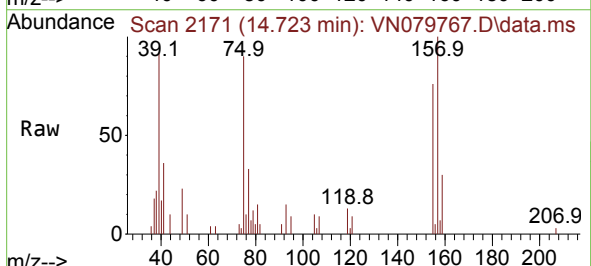
Tgt Ion: 75 Resp: 8783

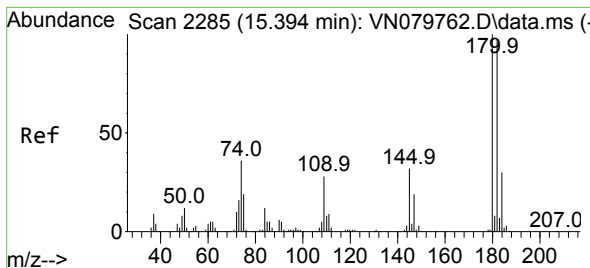
Ion Ratio Lower Upper

75 100

155 85.7 39.1 117.2

157 106.0 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 8.704 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN079767.D

Acq: 01 Nov 2023 12:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

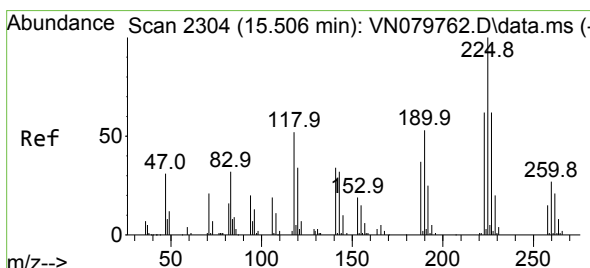
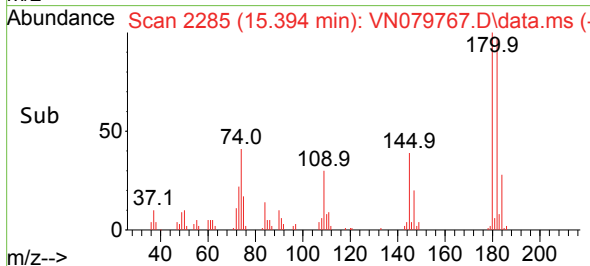
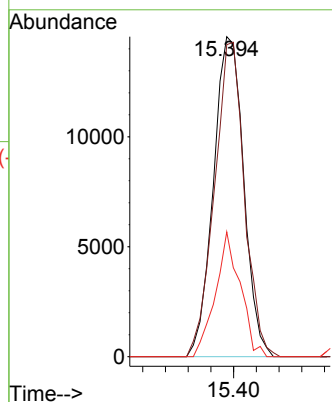
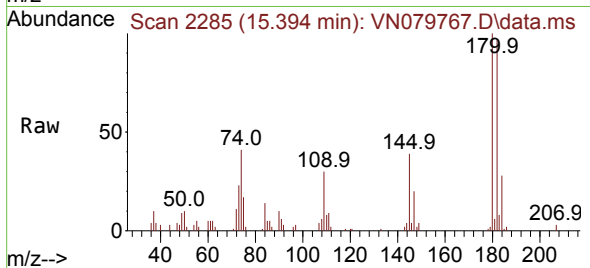
Tgt Ion:180 Resp: 26887

Ion Ratio Lower Upper

180 100

182 97.2 46.1 138.2

145 32.0 16.6 49.8



#94

Hexachlorobutadiene

Concen: 9.416 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.006 min

Lab File: VN079767.D

Acq: 01 Nov 2023 12:50

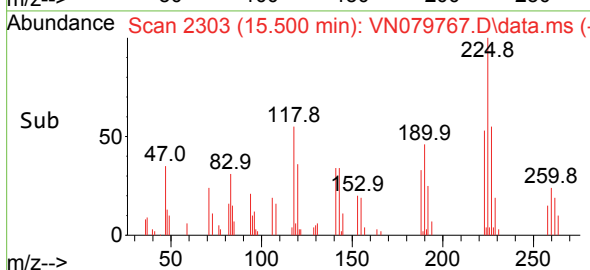
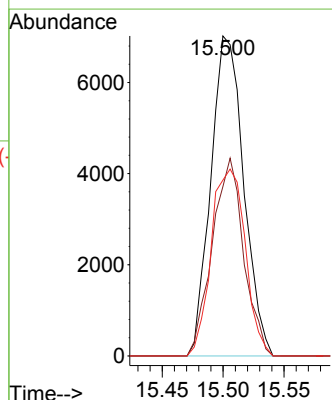
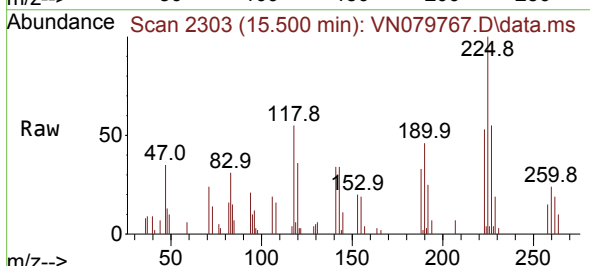
Tgt Ion:225 Resp: 13185

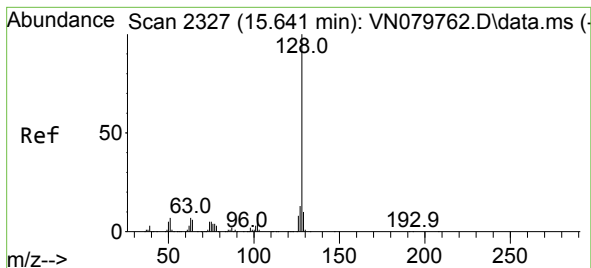
Ion Ratio Lower Upper

225 100

223 59.2 31.3 93.8

227 60.4 31.9 95.9





#95

Naphthalene

Concen: 8.058 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN079767.D

Acq: 01 Nov 2023 12:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

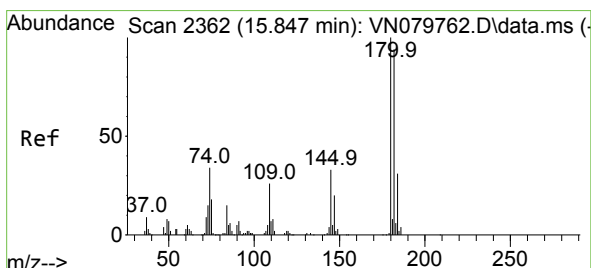
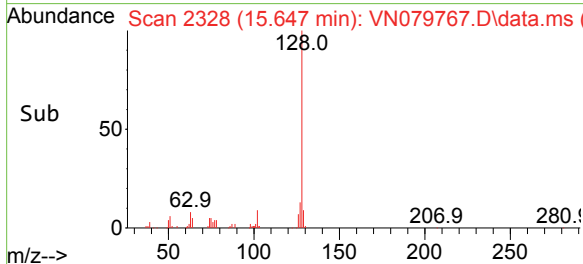
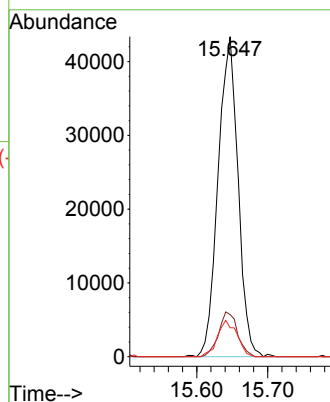
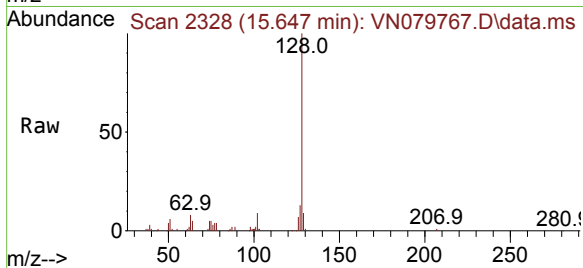
Tgt Ion:128 Resp: 84415

Ion Ratio Lower Upper

128 100

127 13.2 10.0 15.0

129 11.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 9.029 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN079767.D

Acq: 01 Nov 2023 12:50

Tgt Ion:180 Resp: 27339

Ion Ratio Lower Upper

180 100

182 95.5 46.2 138.6

145 33.4 17.5 52.6

